

FIG. 1(a)

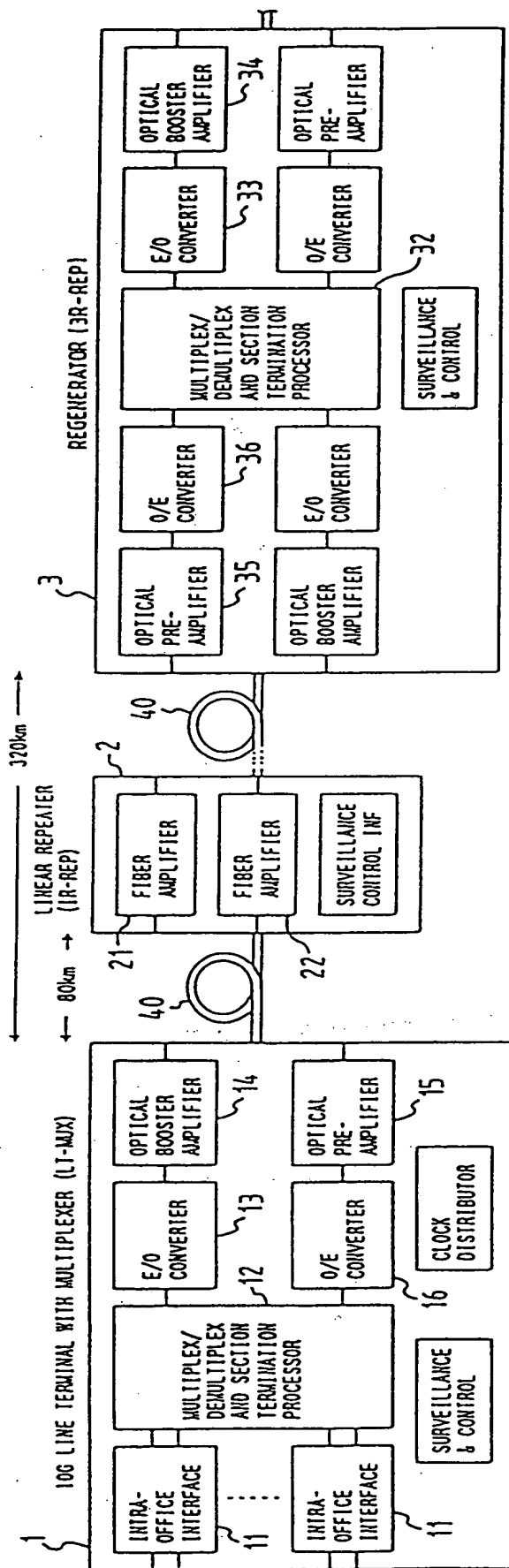


FIG. 1(b)

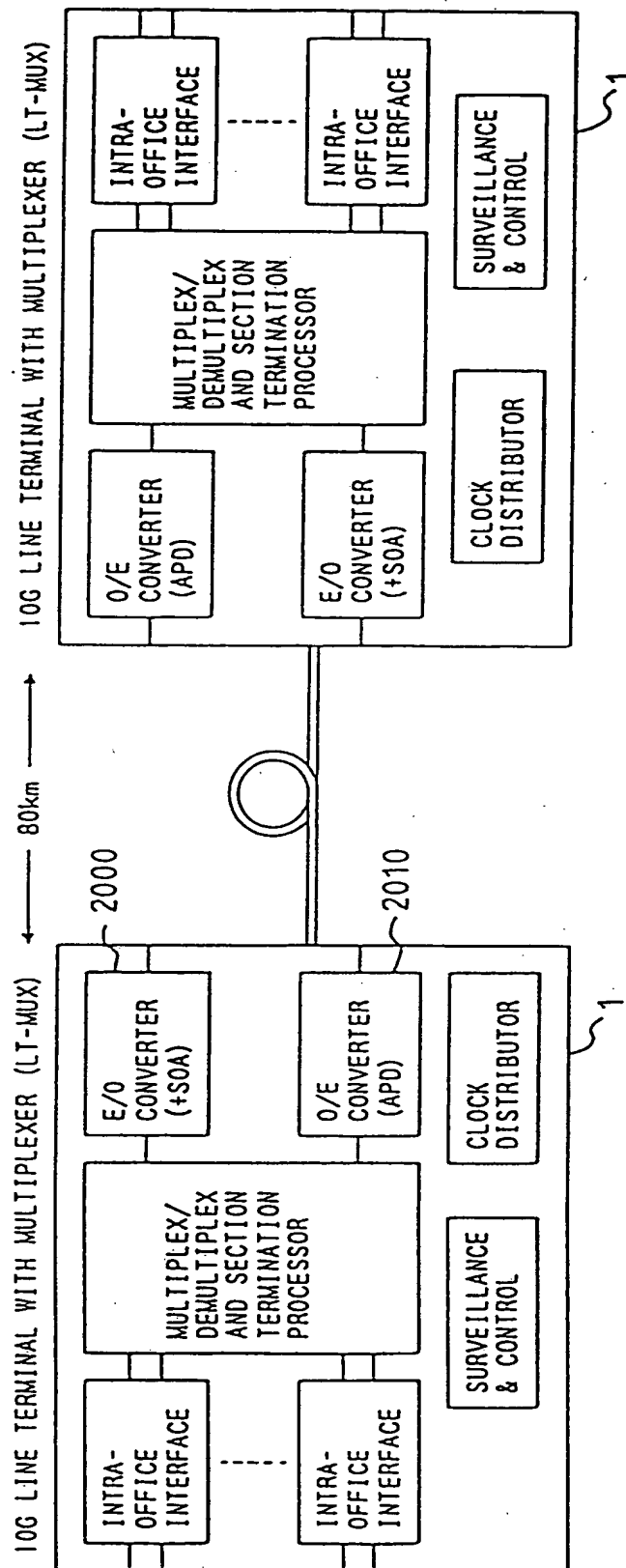
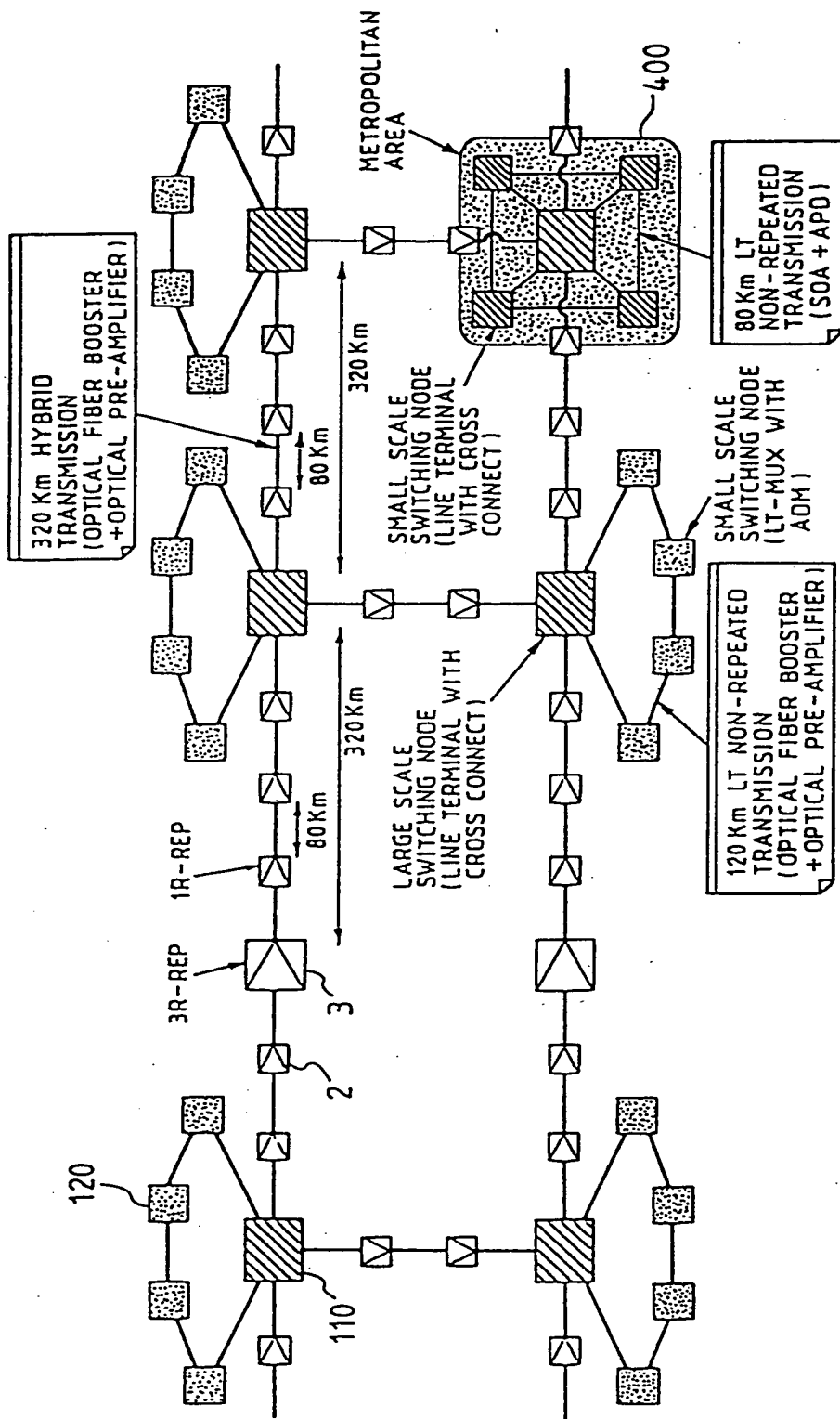


FIG. 2



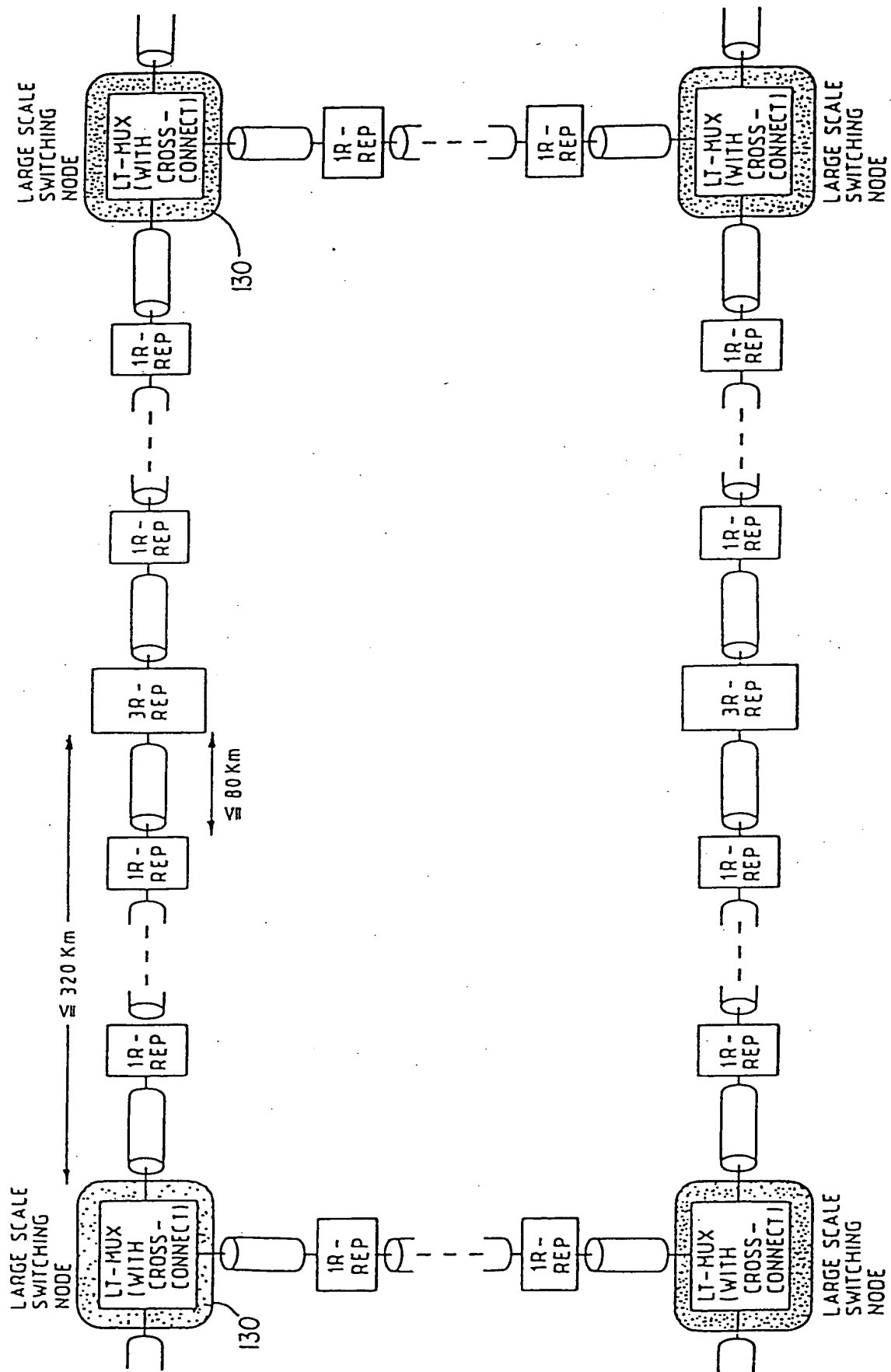


FIG. 3

FIG. 4

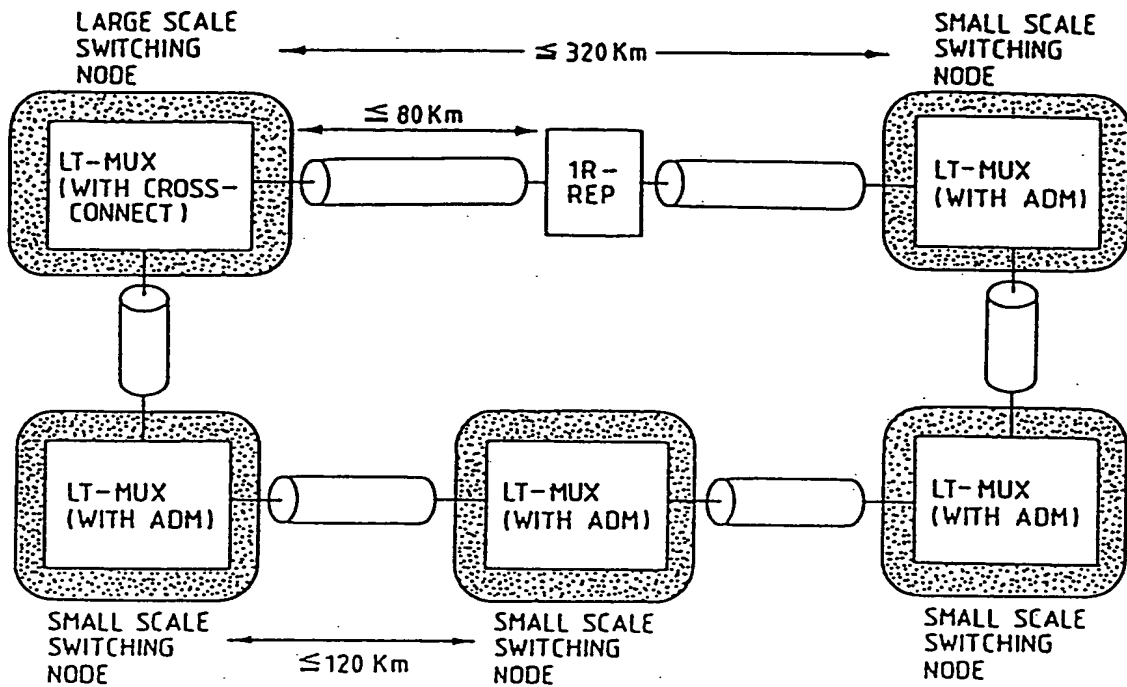


FIG. 5

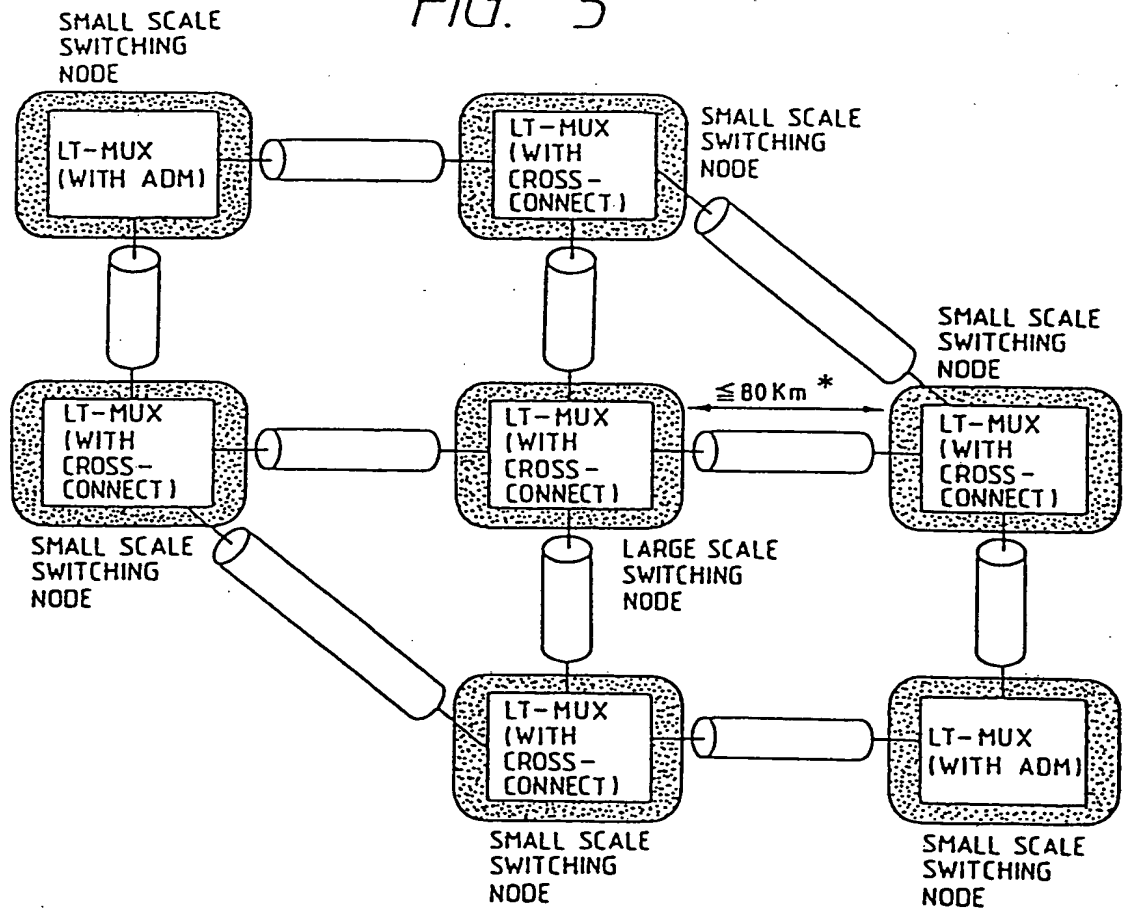


FIG. 6(a)

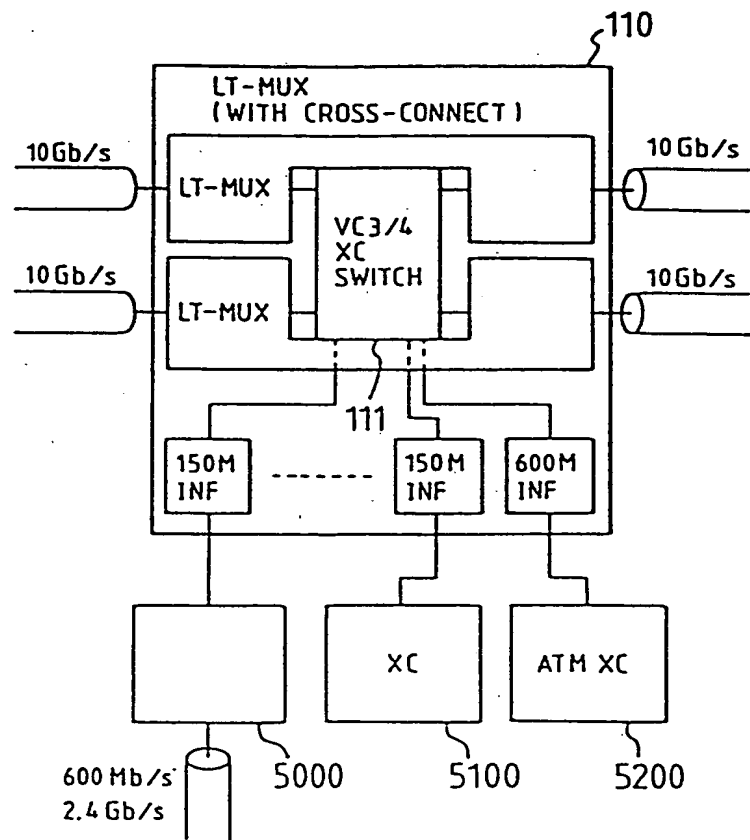


FIG. 6(b)

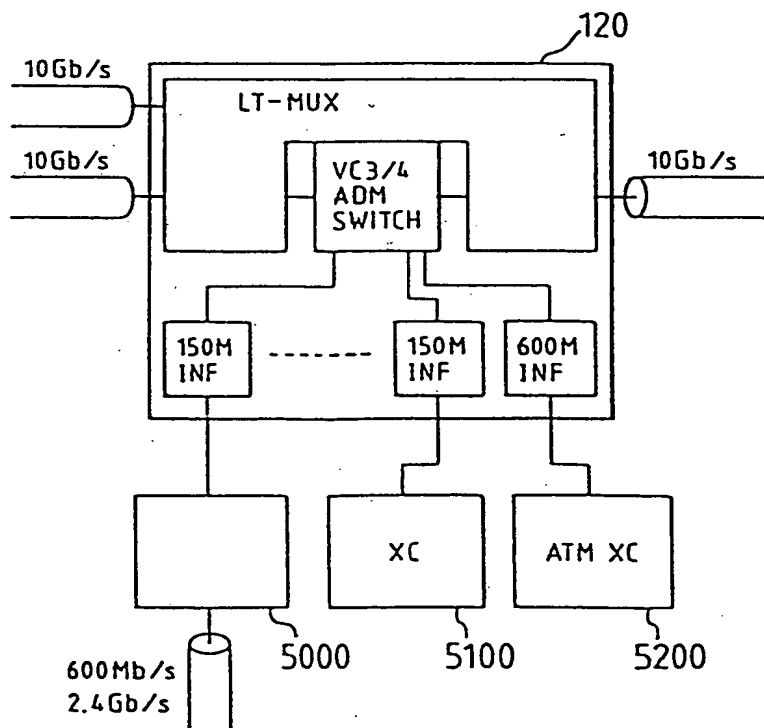


FIG. 7

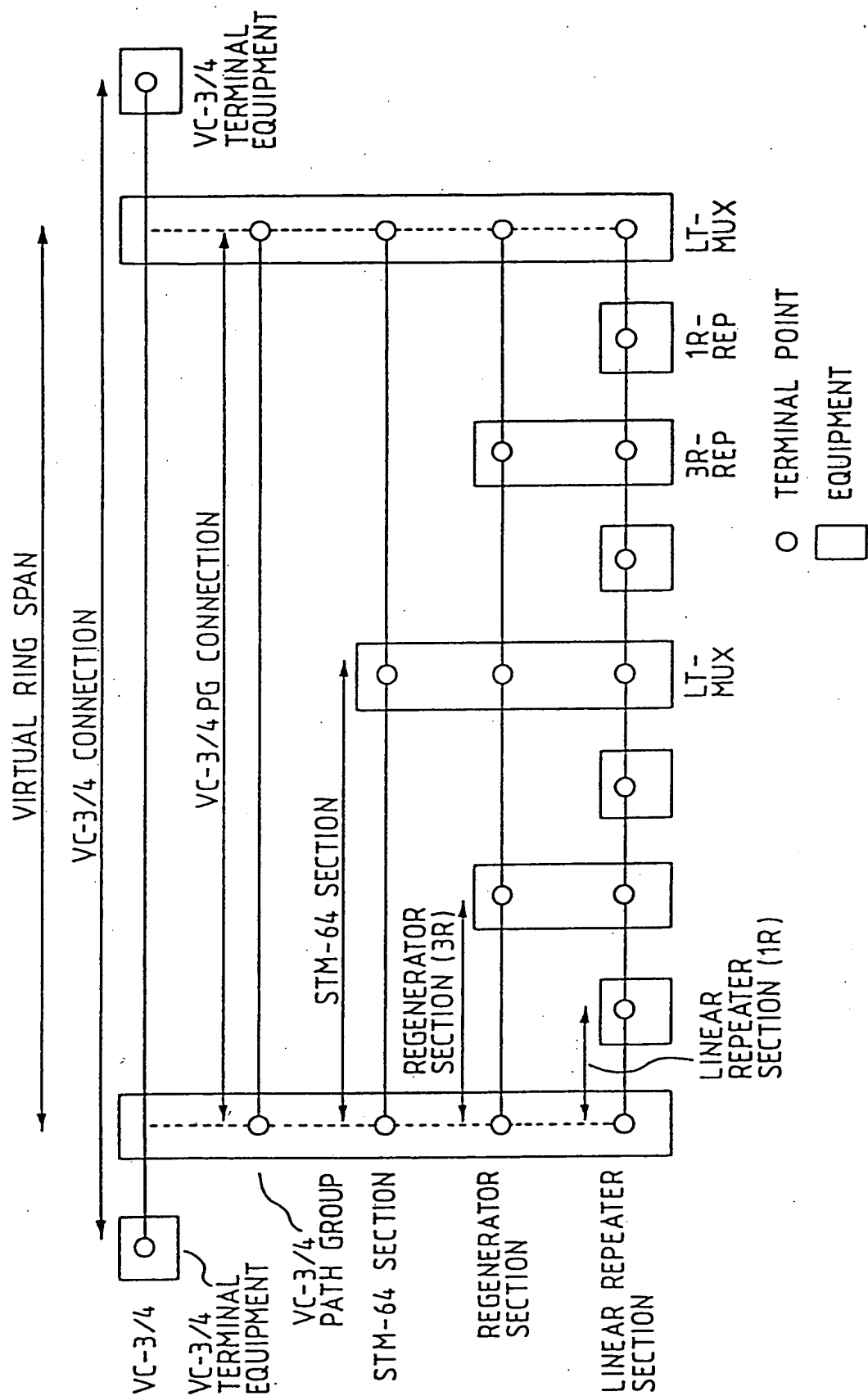


FIG. 8

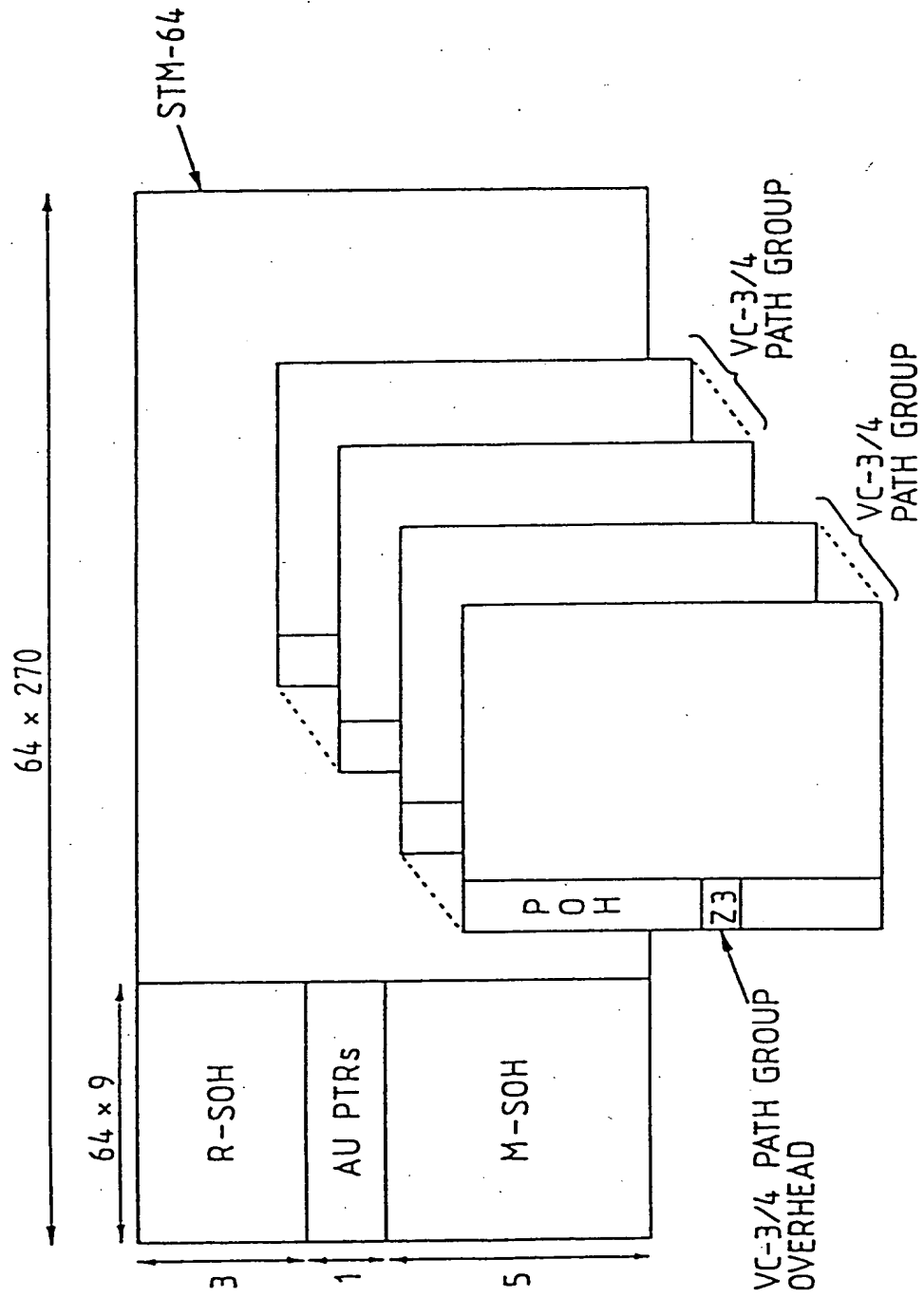


FIG. 9

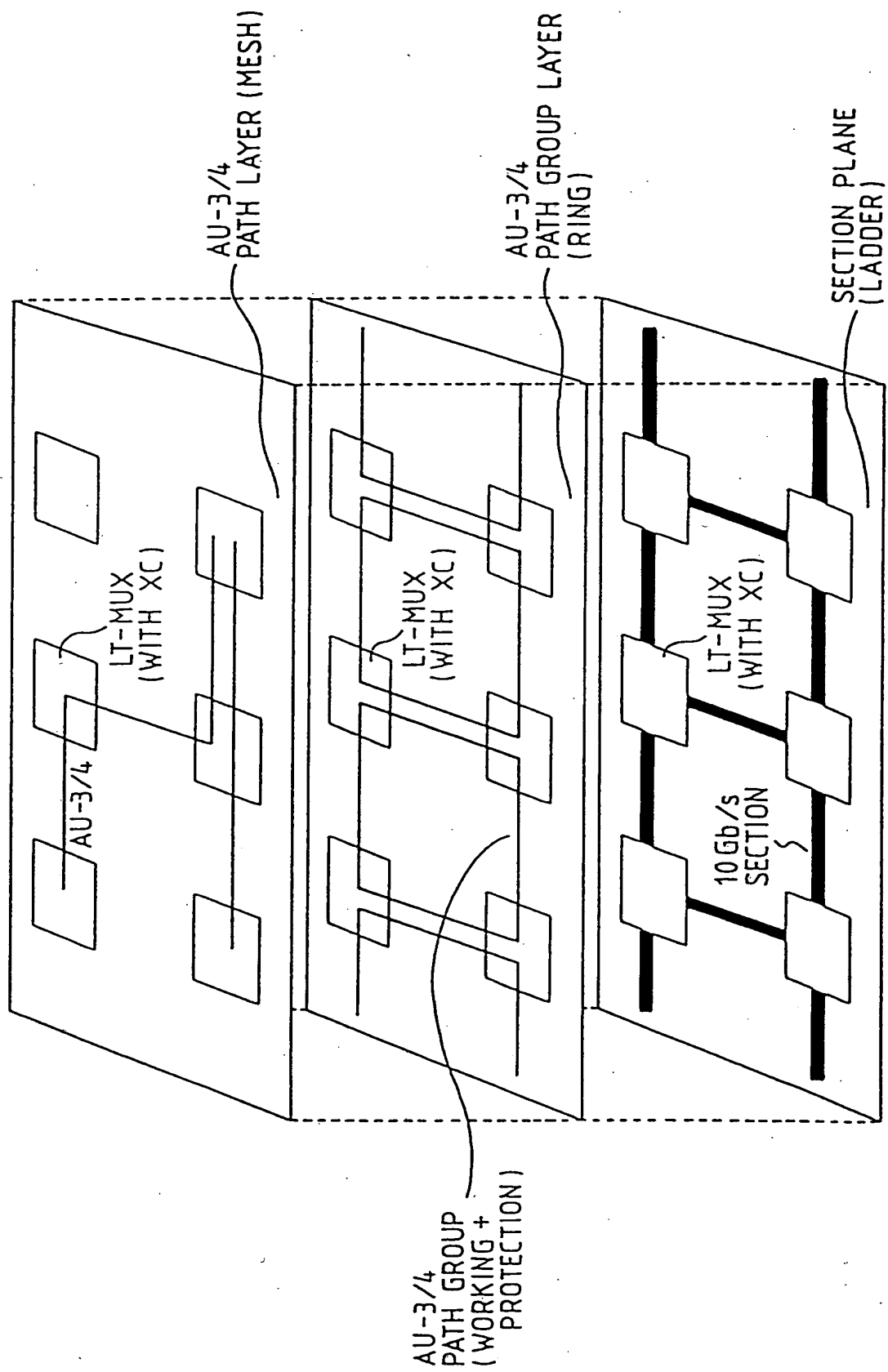


FIG. 10

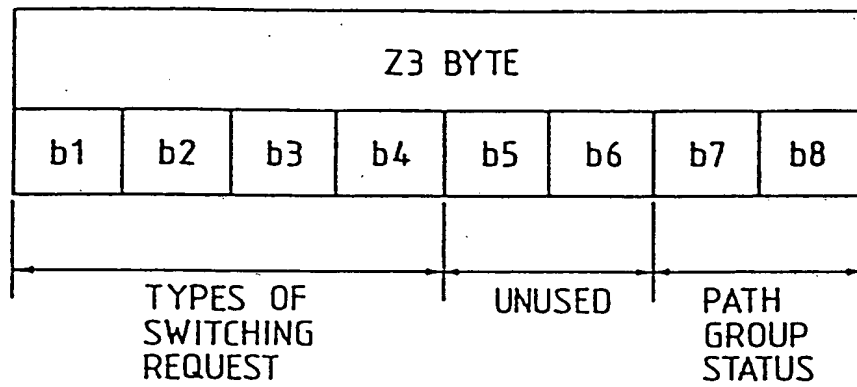


FIG. 11

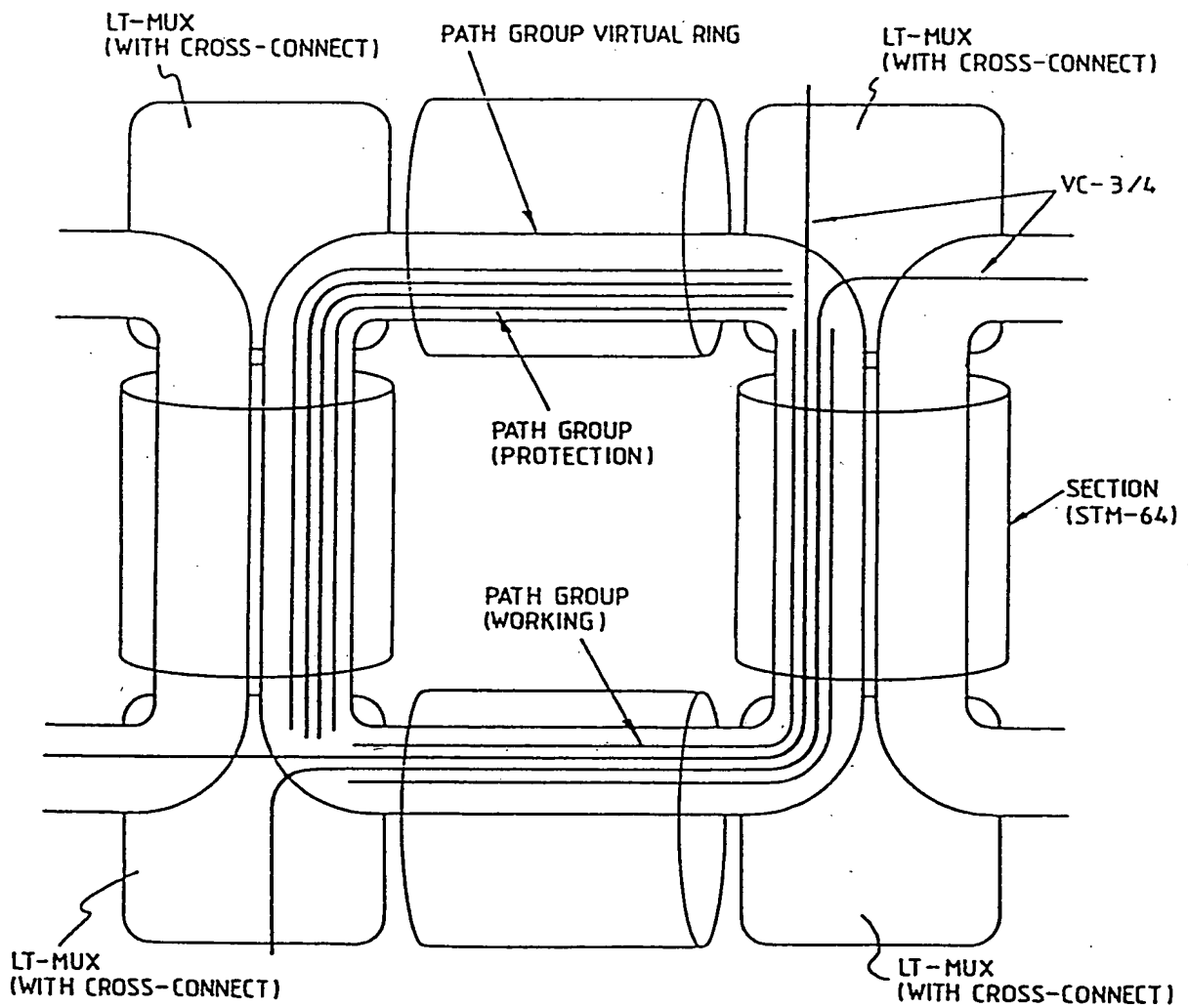


FIG. 12

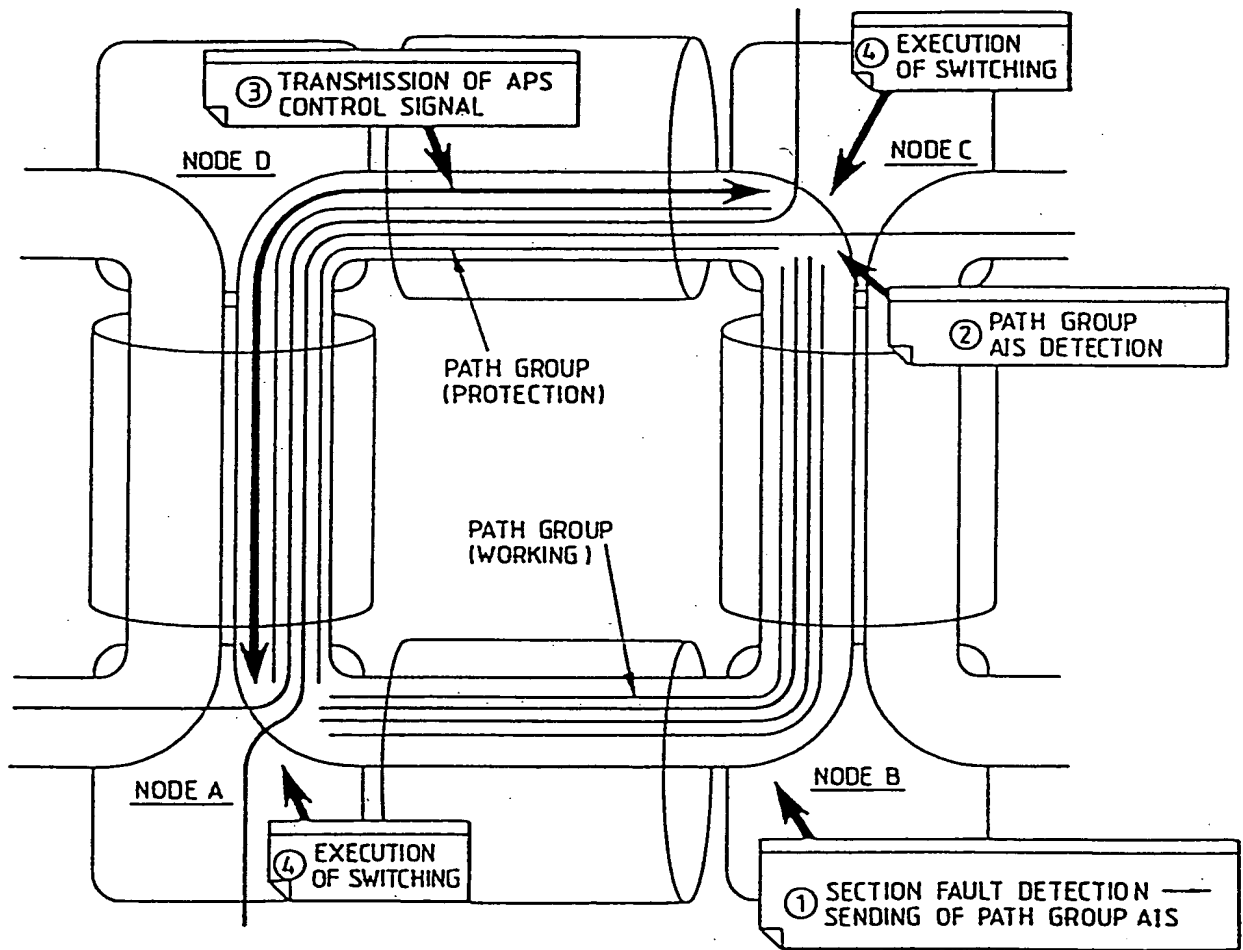
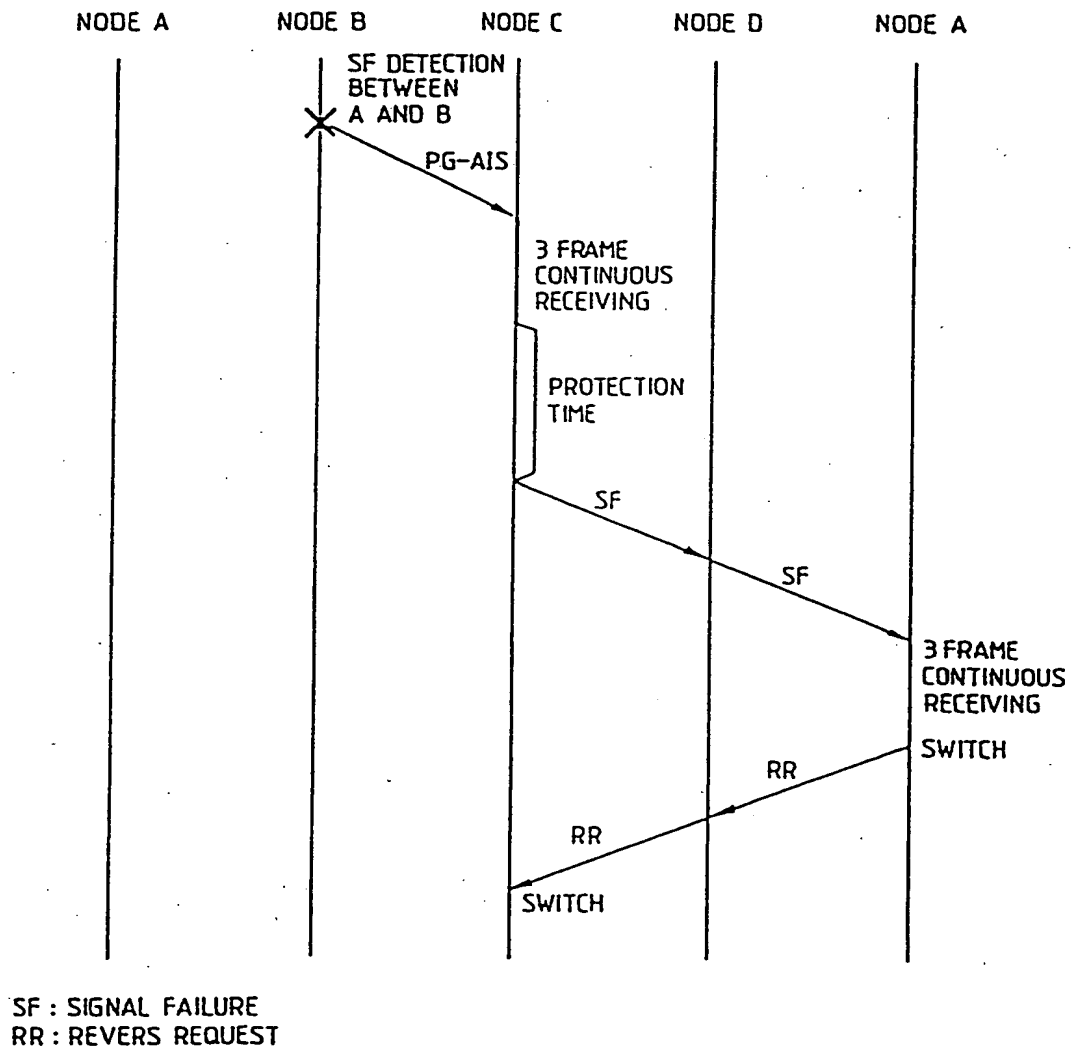


FIG. 13



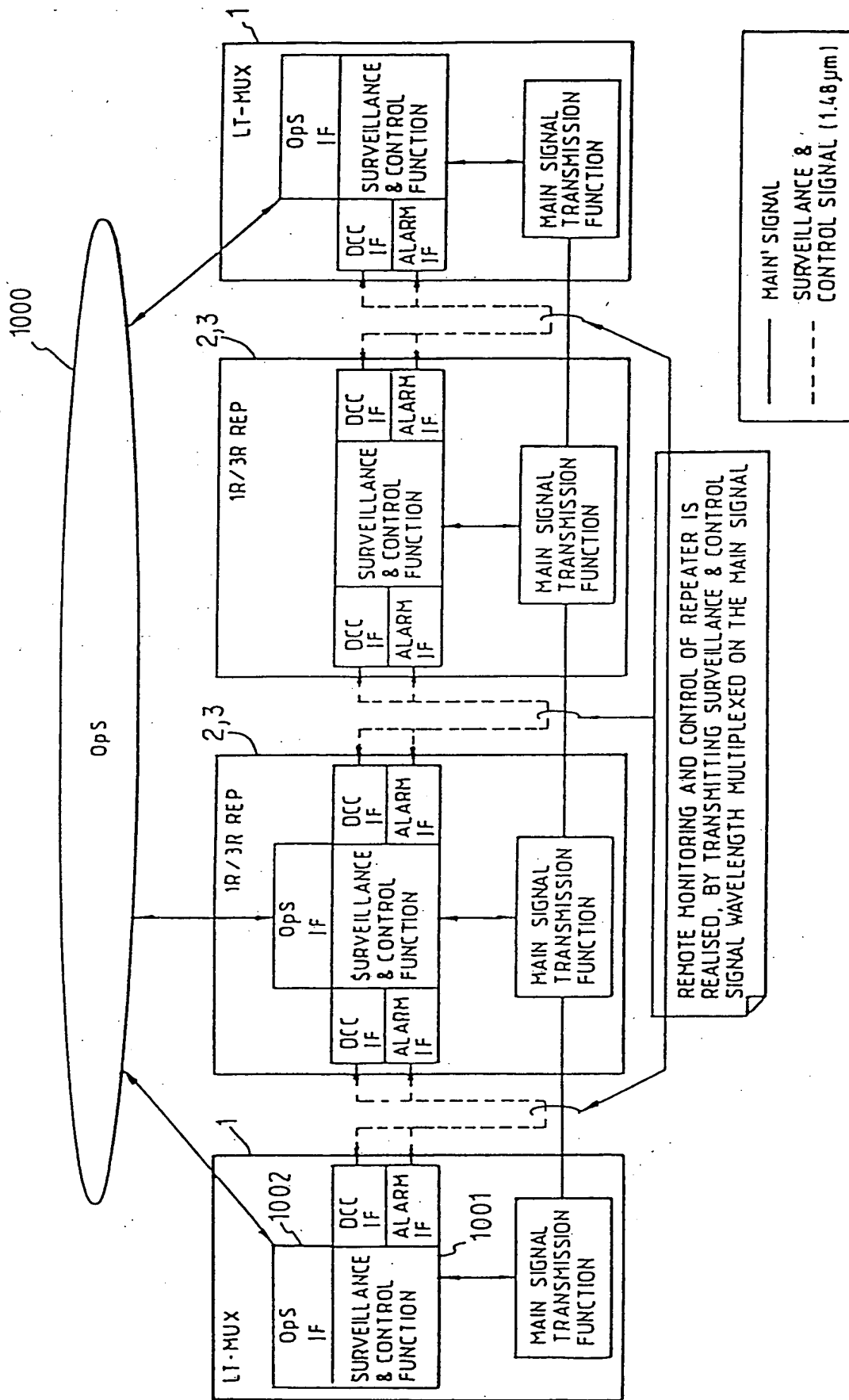
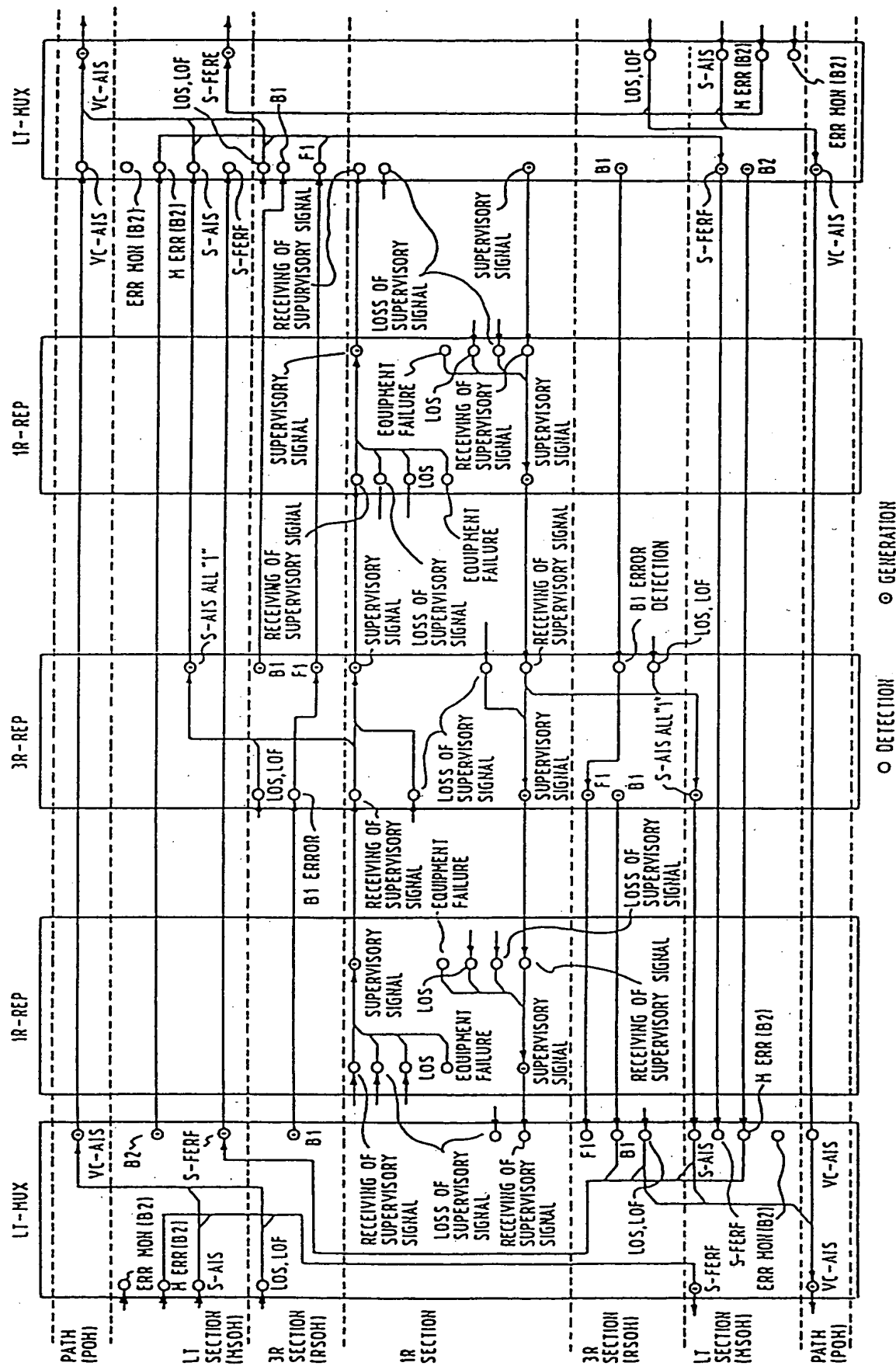


FIG. 14

FIG. 15



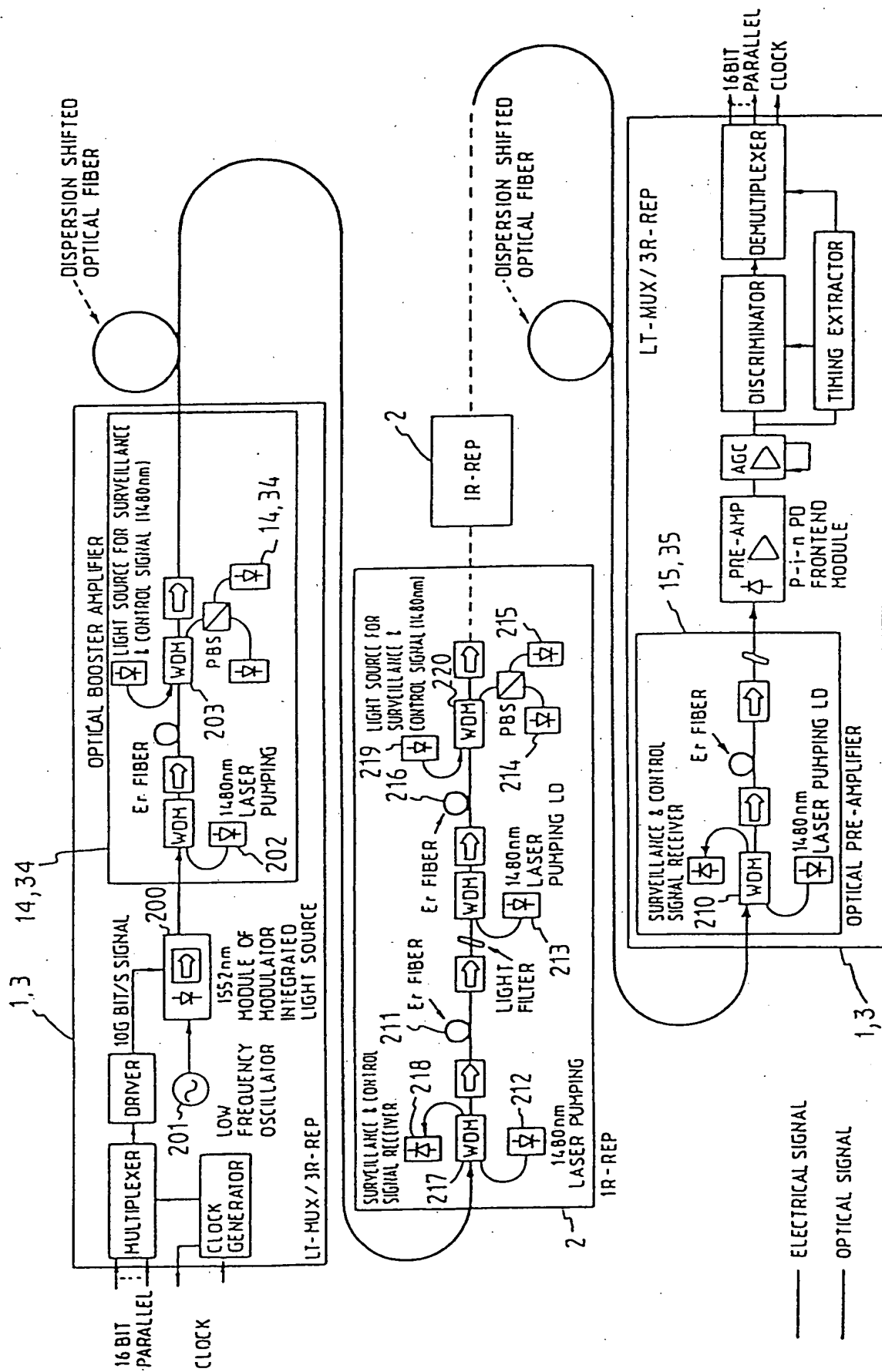


FIG. 17

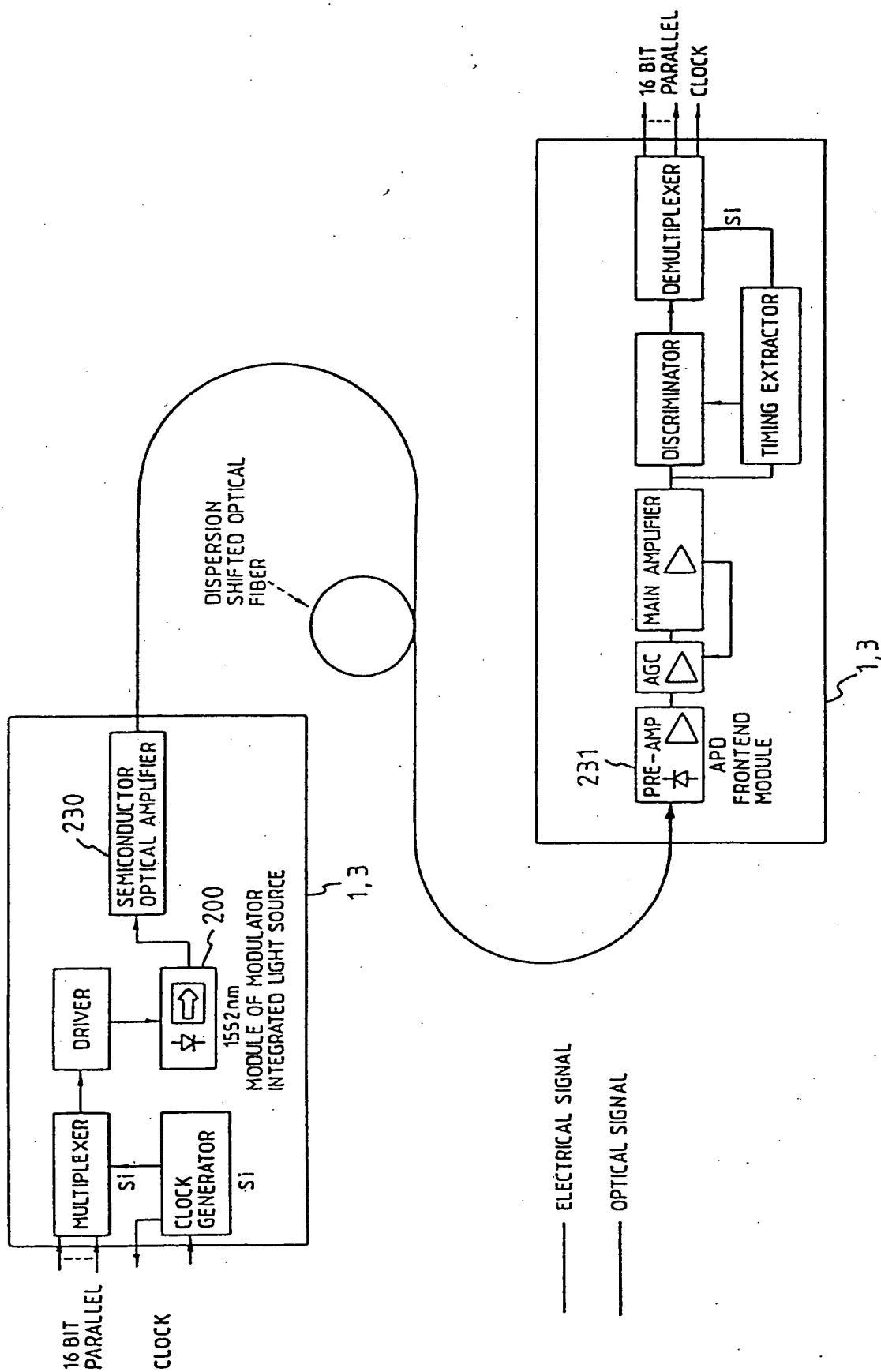


FIG. 18

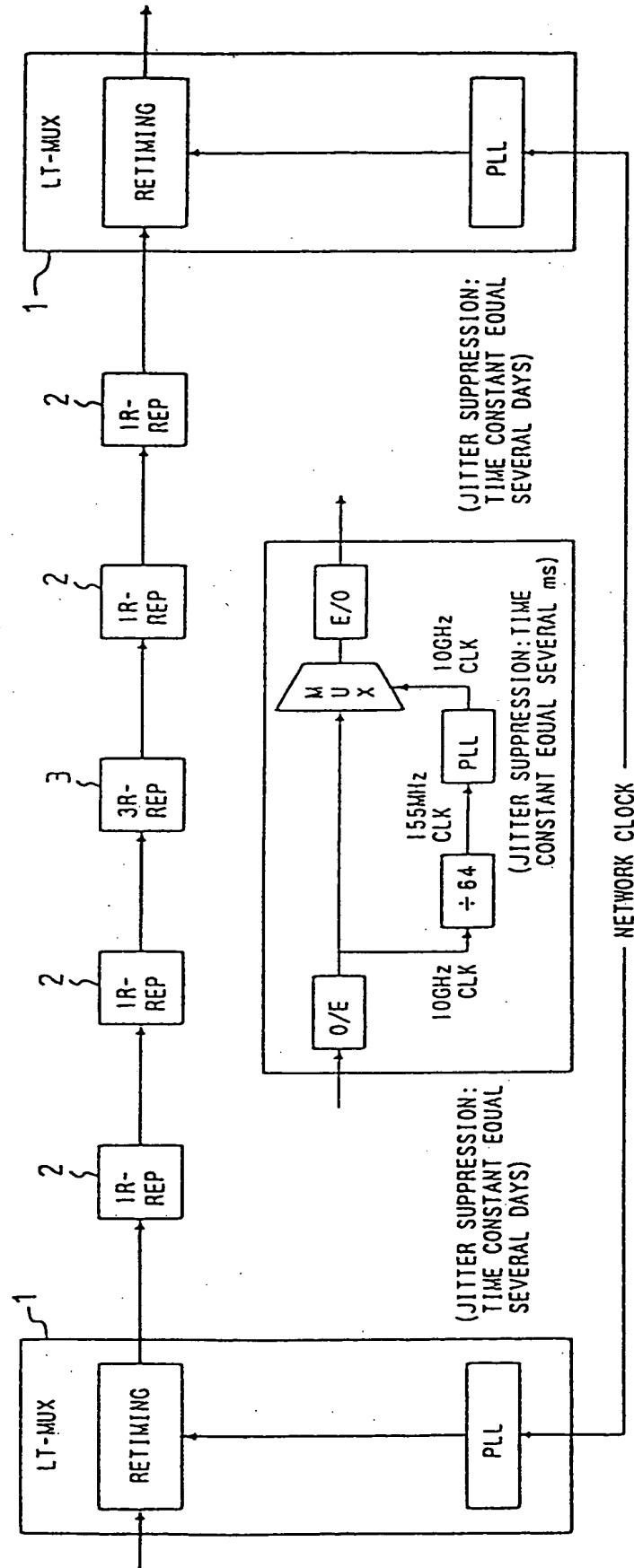


FIG. 19

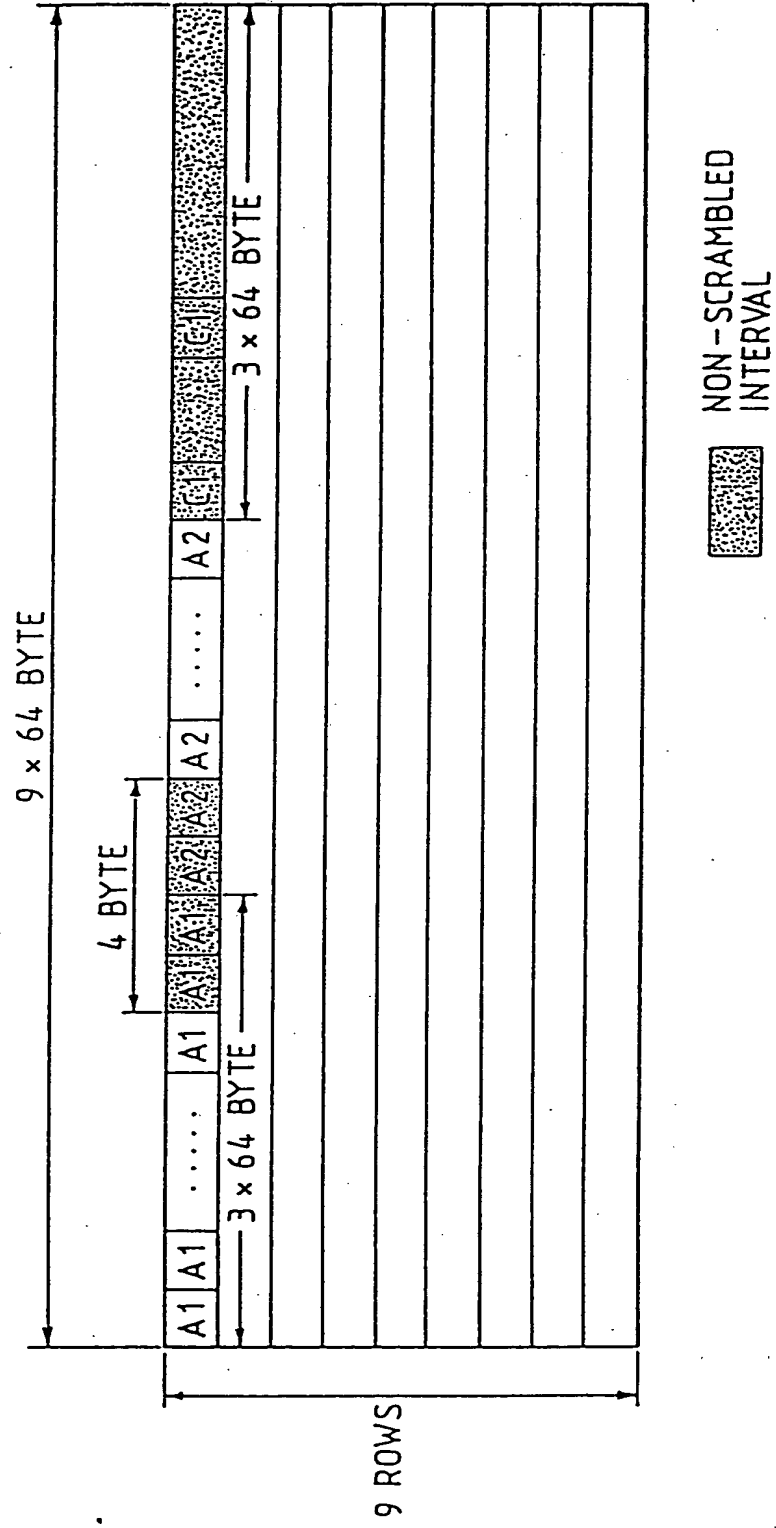


FIG. 20

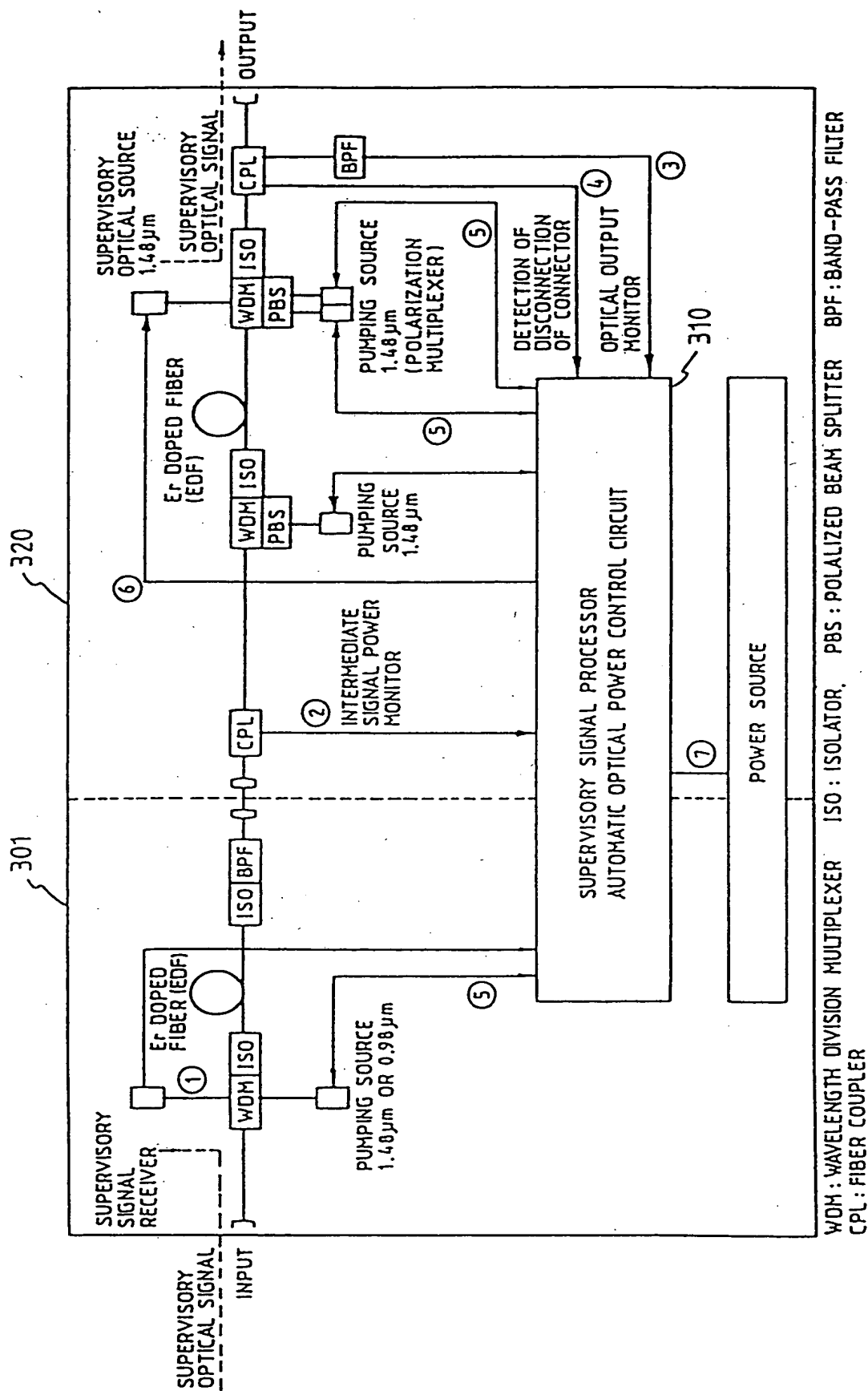


FIG. 21

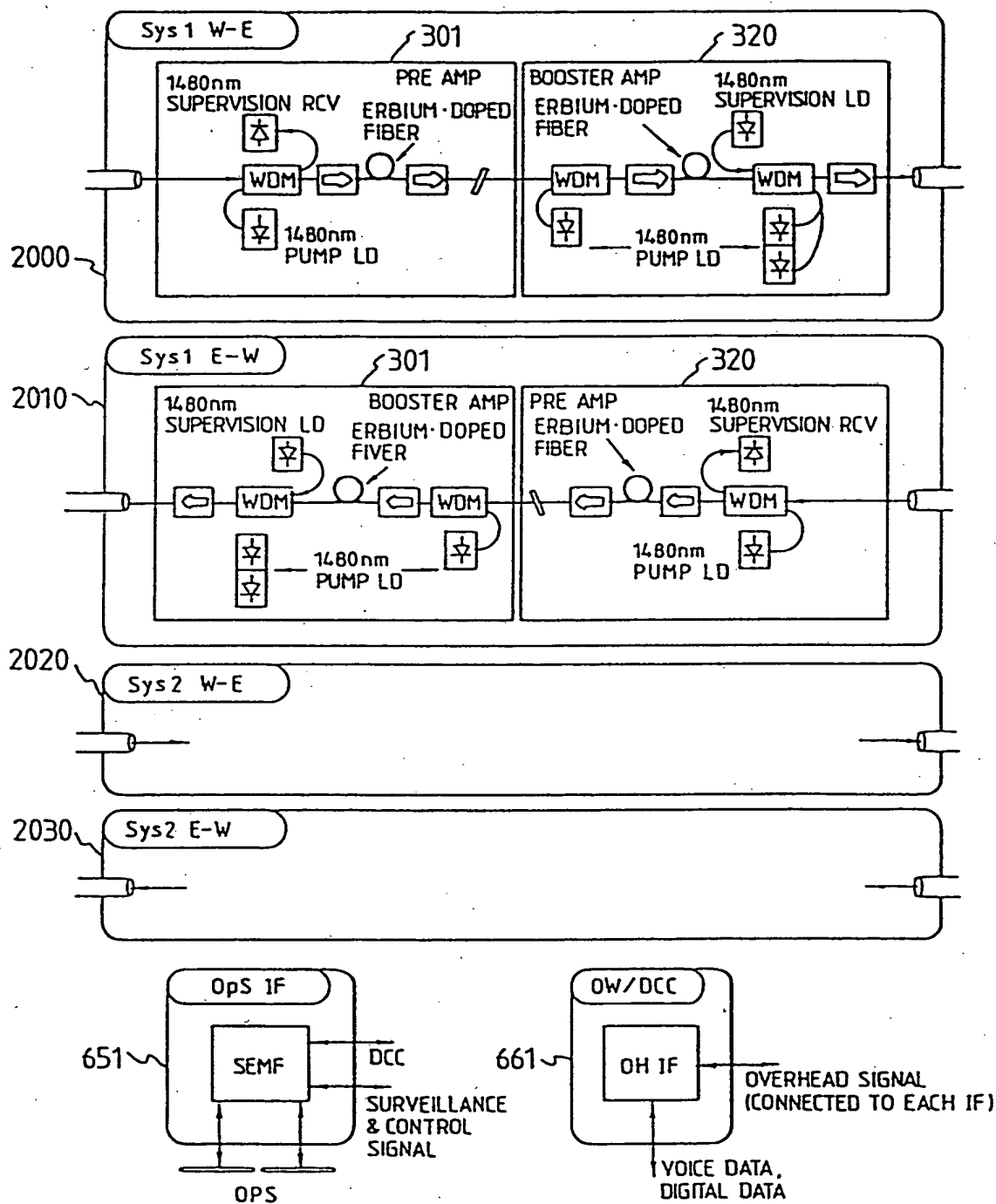
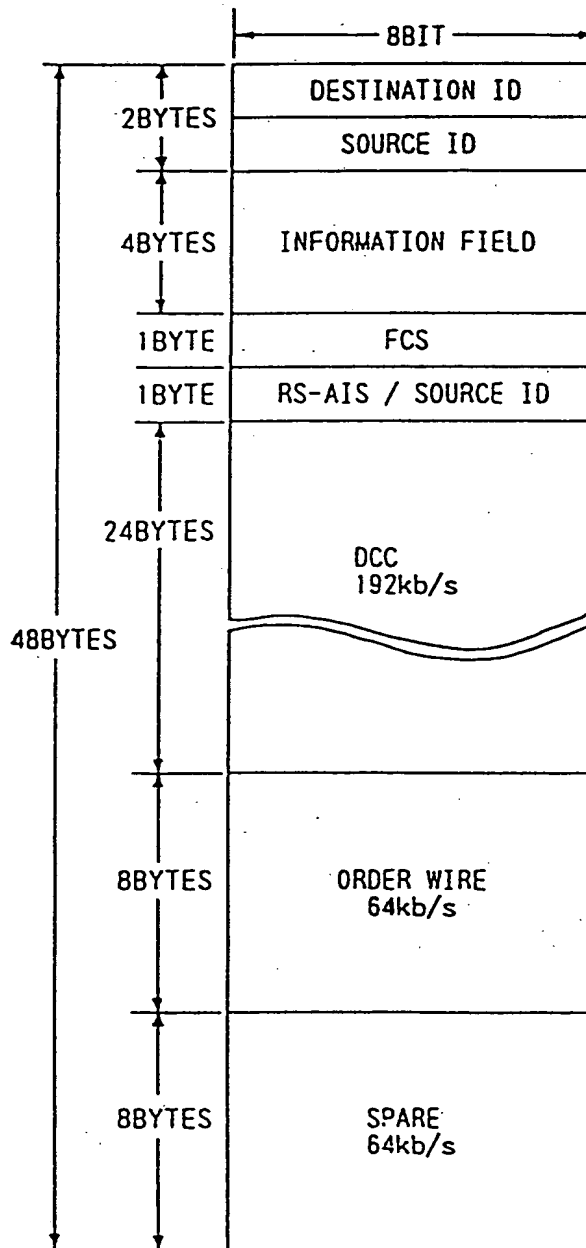


FIG. 22



FCS: FRAME CHECK SEQUENCE
(BIP-8)

CODING EXAMPLE OF RS-AIS/SOURCE ID

```

00000000 : NORMAL
00000001 : RS-AIS (SOURCE ID=01)
00000010 : RS-AIS (SOURCE ID=02)
00000011 : RS-AIS (SOURCE ID=03)
      ⋮
11111110 : RS-AIS (SOURCE ID=FE)
11111111 : RS-AIS (SOURCE ID=FF)
  
```

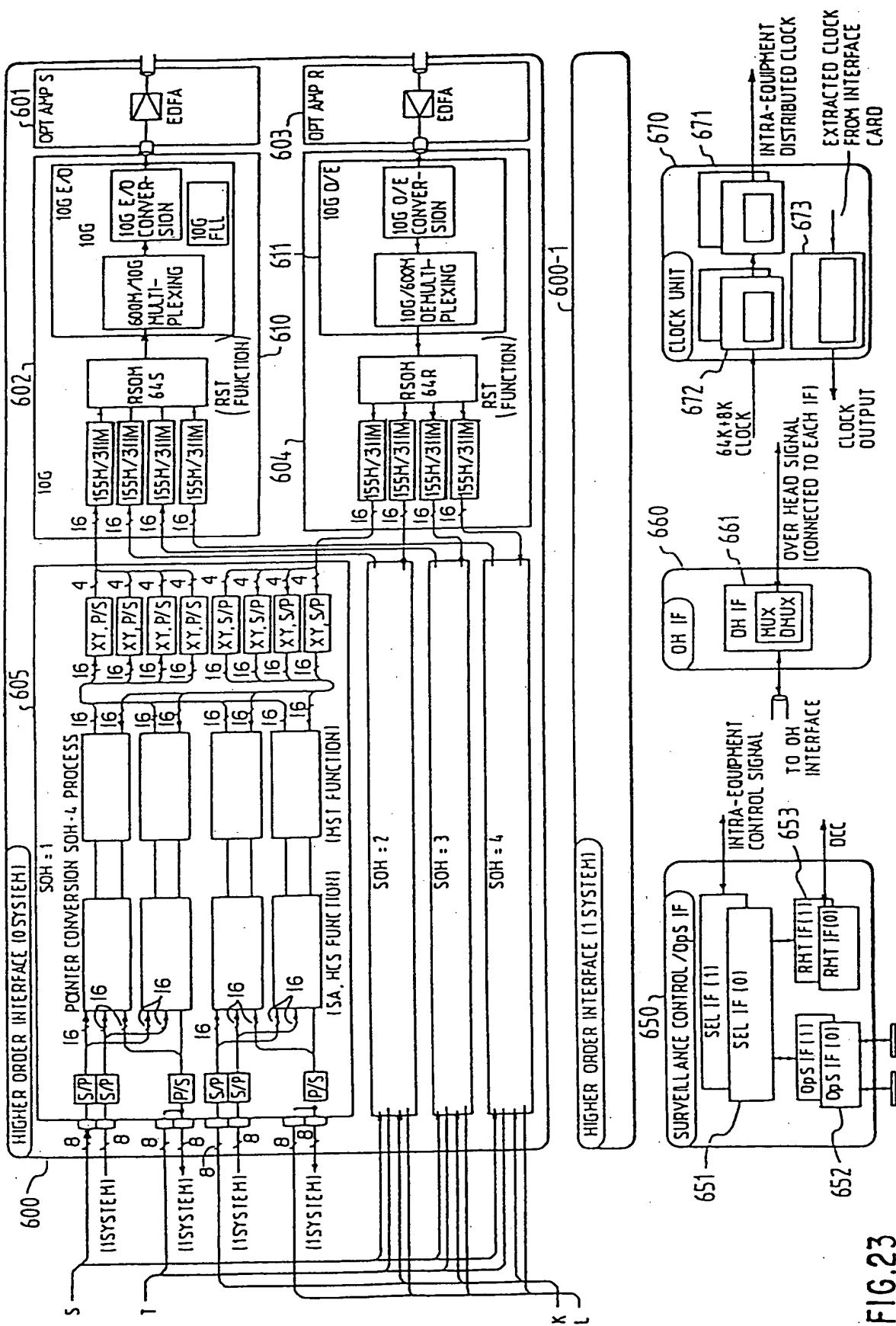


FIG. 24

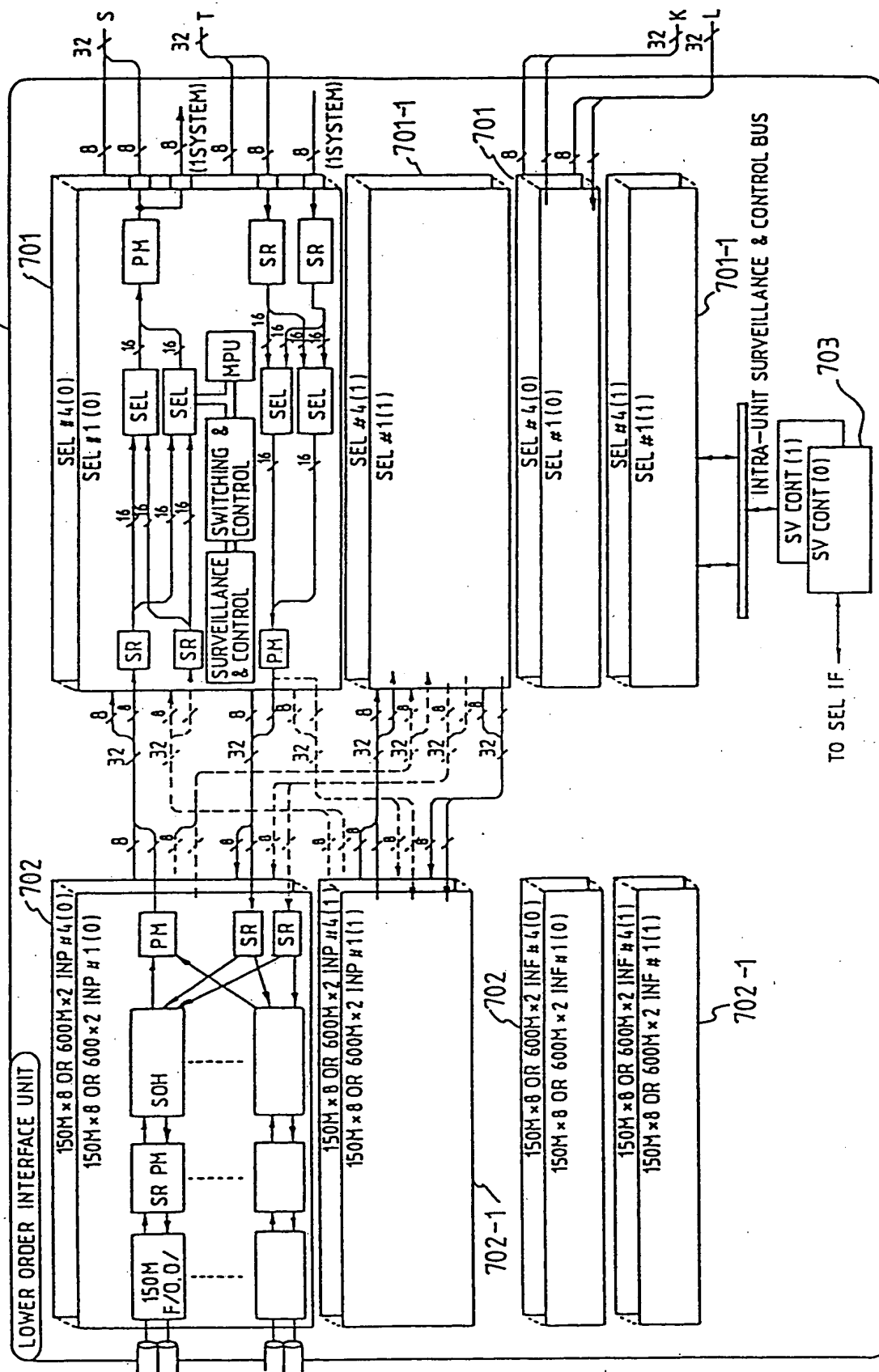
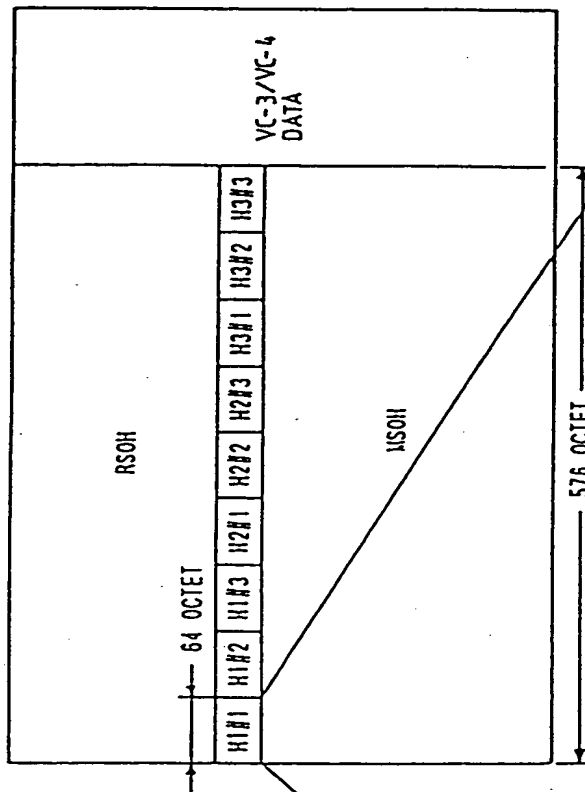


FIG. 25

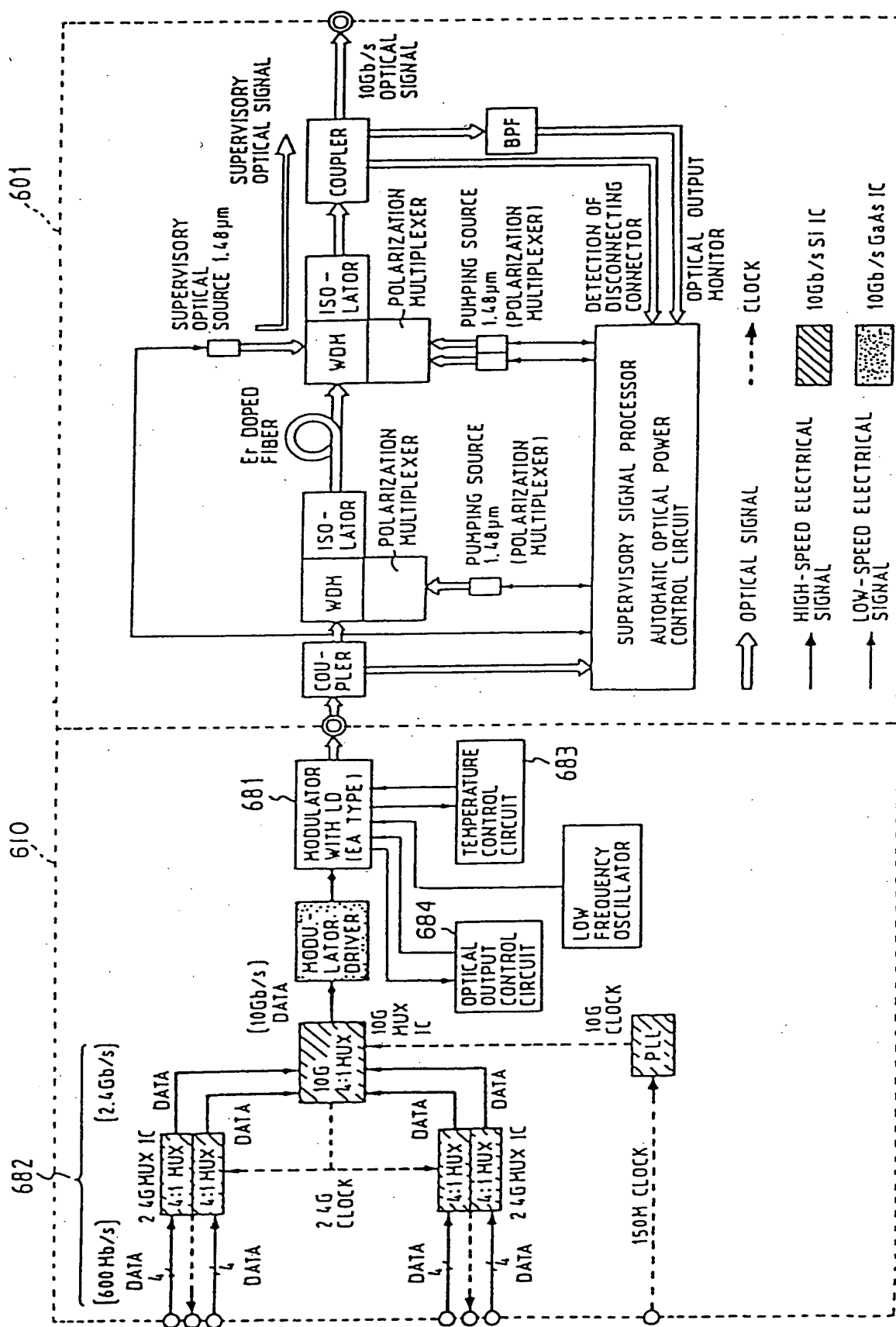
INTRA-OFFICE IF UNIT

HW	IF	1	2	3	7	8
1	STM-1 #1	STM-1 #9	STM-1 #17	STM-1 #49	STM-1 #57	
2	STM-1 #2	STM-1 #10	STM-1 #18	STM-1 #50	STM-1 #58	
3	STM-1 #3	STM-1 #11	STM-1 #19	STM-1 #51	STM-1 #59	
4	STM-1 #4	STM-1 #12	STM-1 #20	STM-1 #52	STM-1 #60	
5	STM-1 #5	STM-1 #13	STM-1 #21	STM-1 #53	STM-1 #61	
6	STM-1 #6	STM-1 #14	STM-1 #22	STM-1 #54	STM-1 #62	
7	STM-1 #7	STM-1 #15	STM-1 #23	STM-1 #55	STM-1 #63	
8	STM-1 #8	STM-1 #16	STM-1 #24	STM-1 #56	STM-1 #64	

STM-64 FRAME



STM-1 #1	STM-1 #2	STM-1 #3	STM-1 #4	STM-1 #5	STM-1 #6	STM-1 #7	STM-1 #8	STM-1 #9	STM-1 #10	...	STM-1 #55	STM-1 #56	STM-1 #57	STM-1 #58	STM-1 #59	STM-1 #60	STM-1 #61	STM-1 #62	STM-1 #63	STM-1 #64
----------	----------	----------	----------	----------	----------	----------	----------	----------	-----------	-----	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------



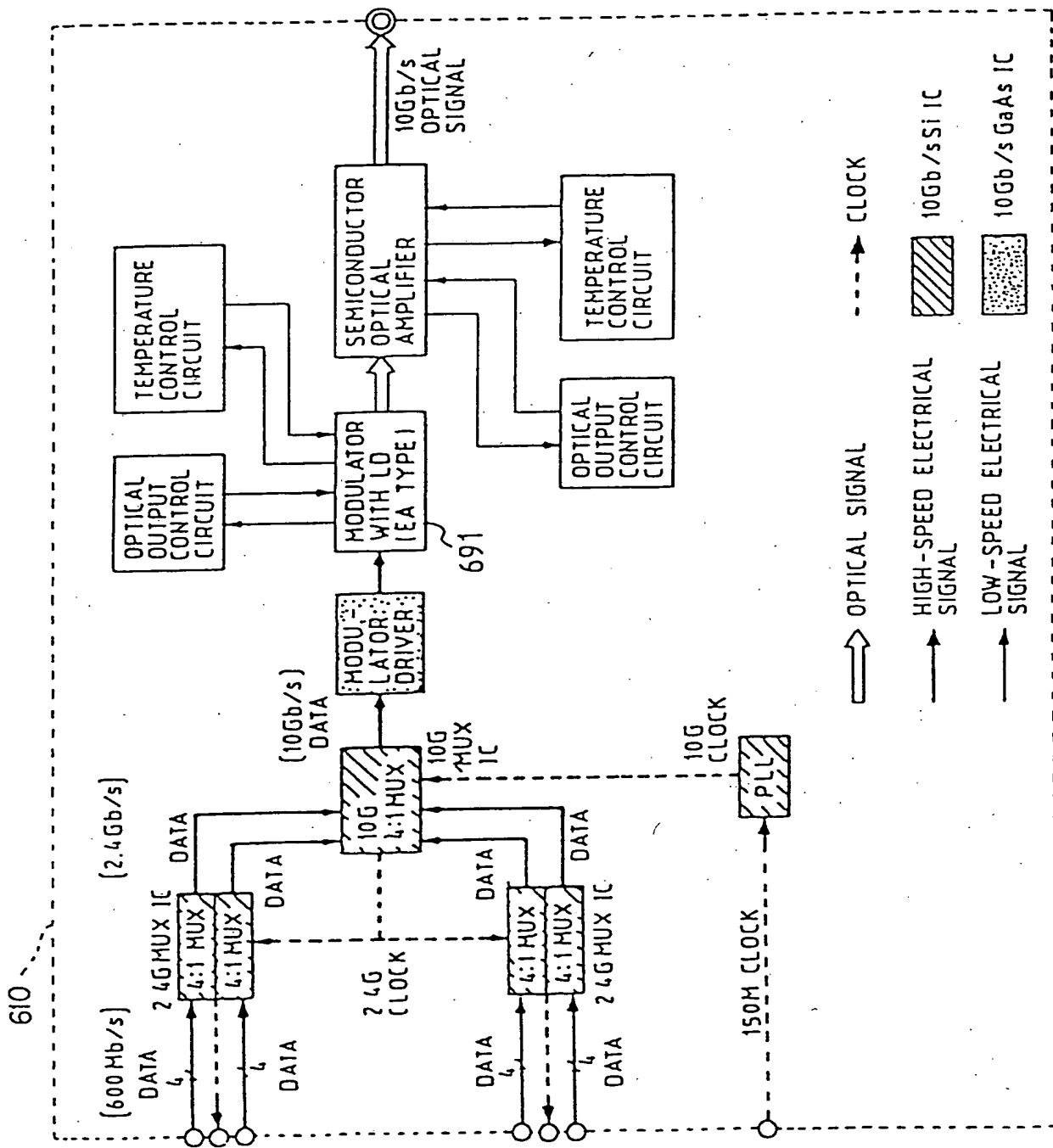


FIG. 27

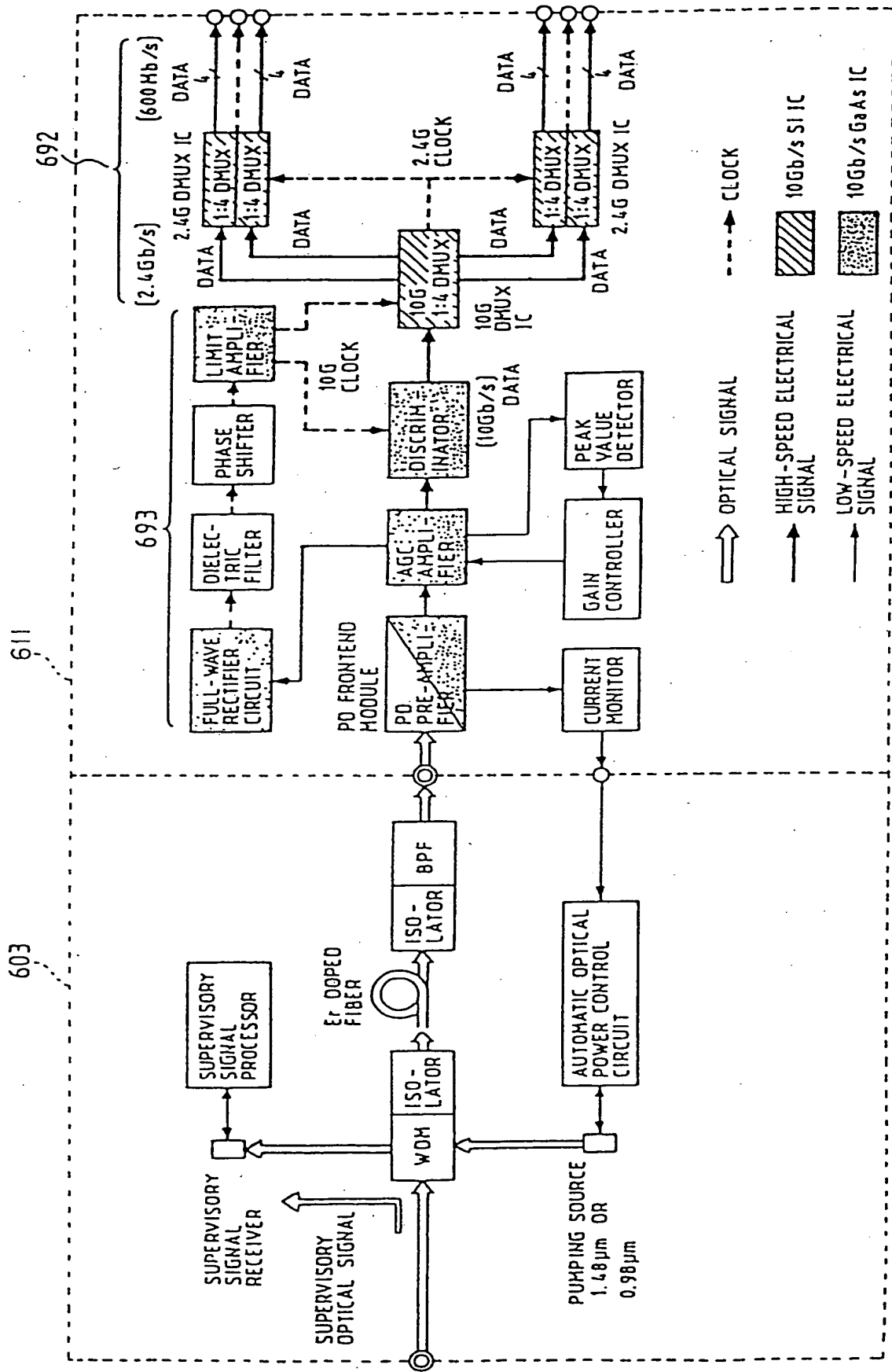


FIG.28

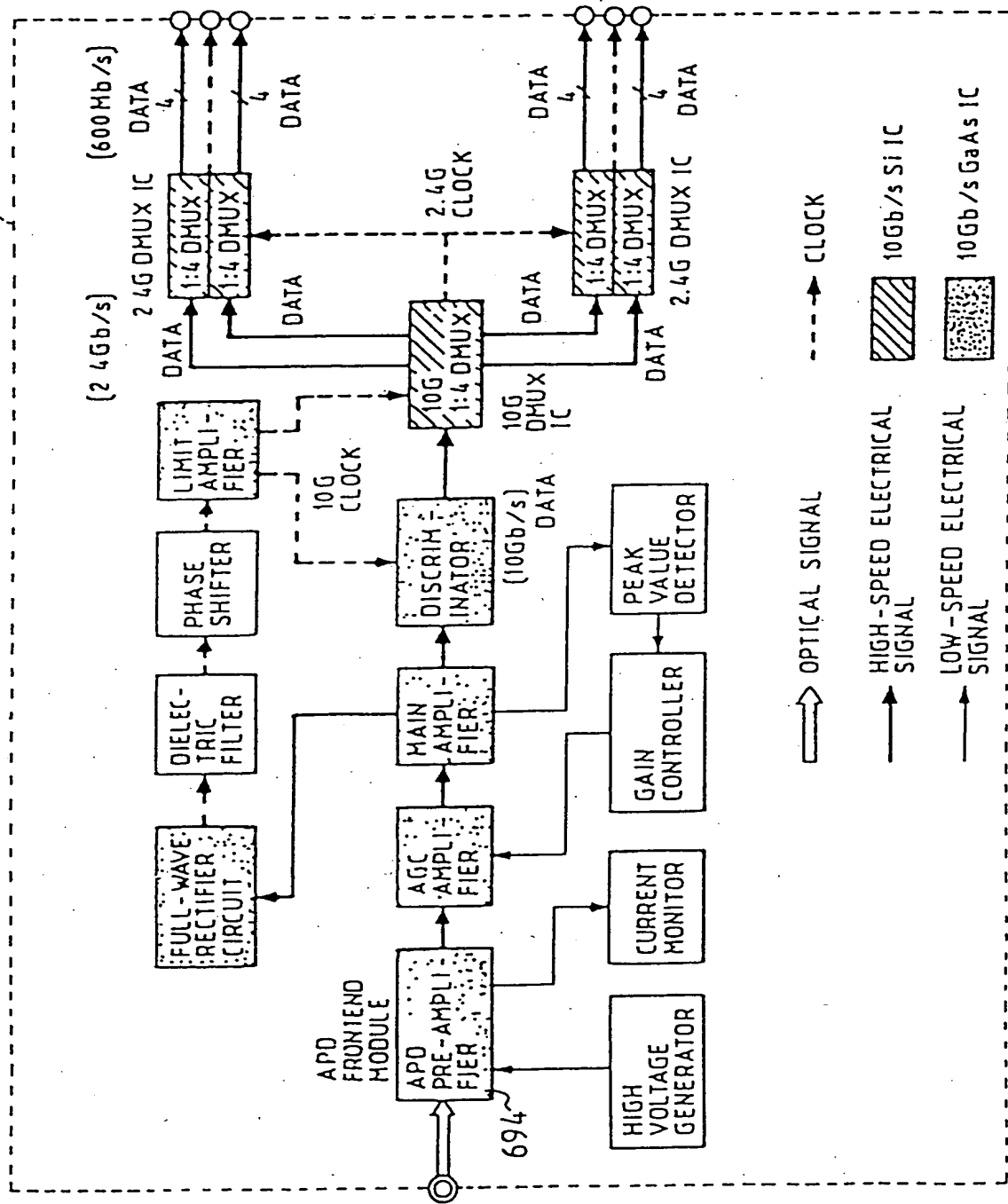


FIG. 29

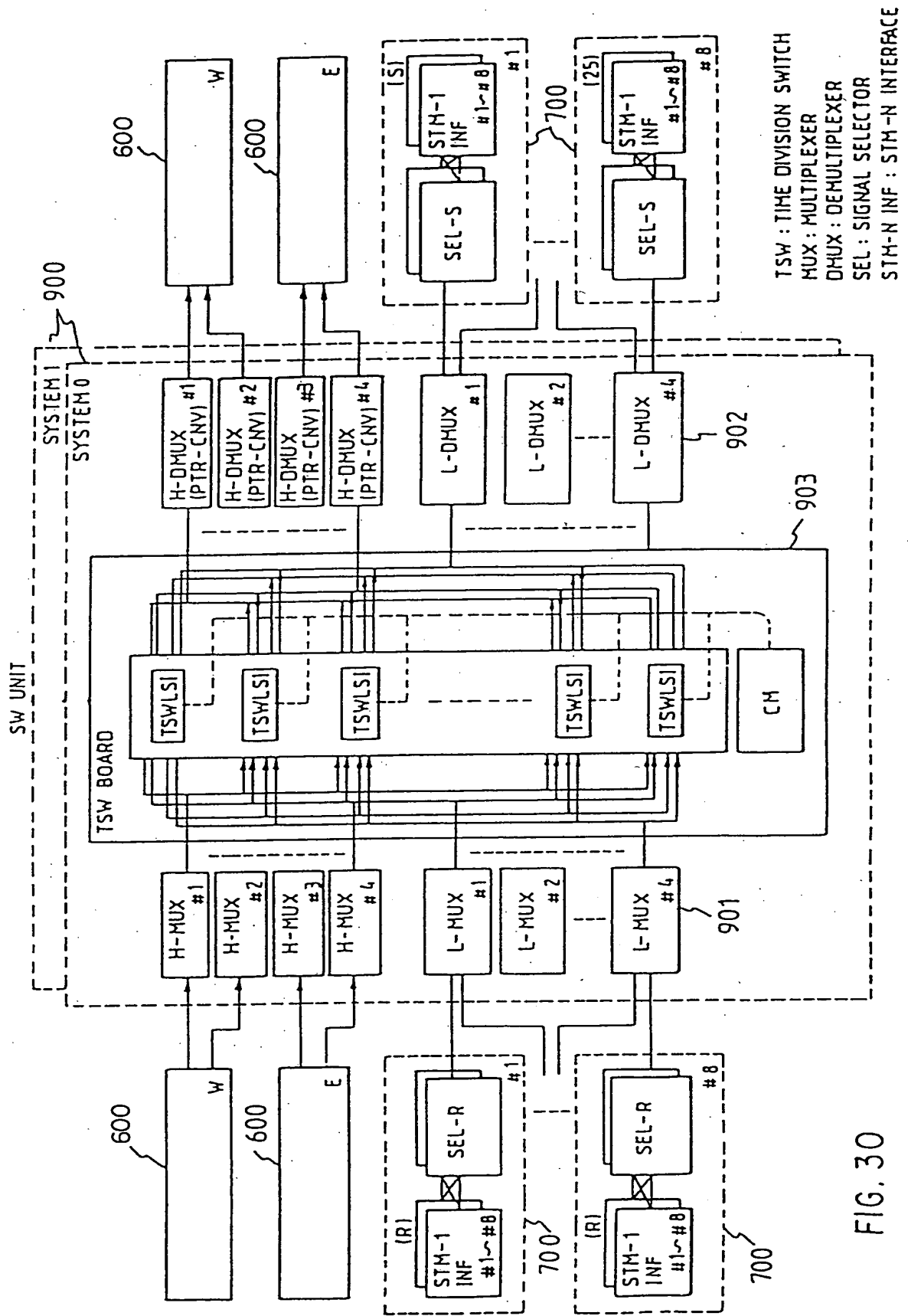


FIG. 30

FIG. 31

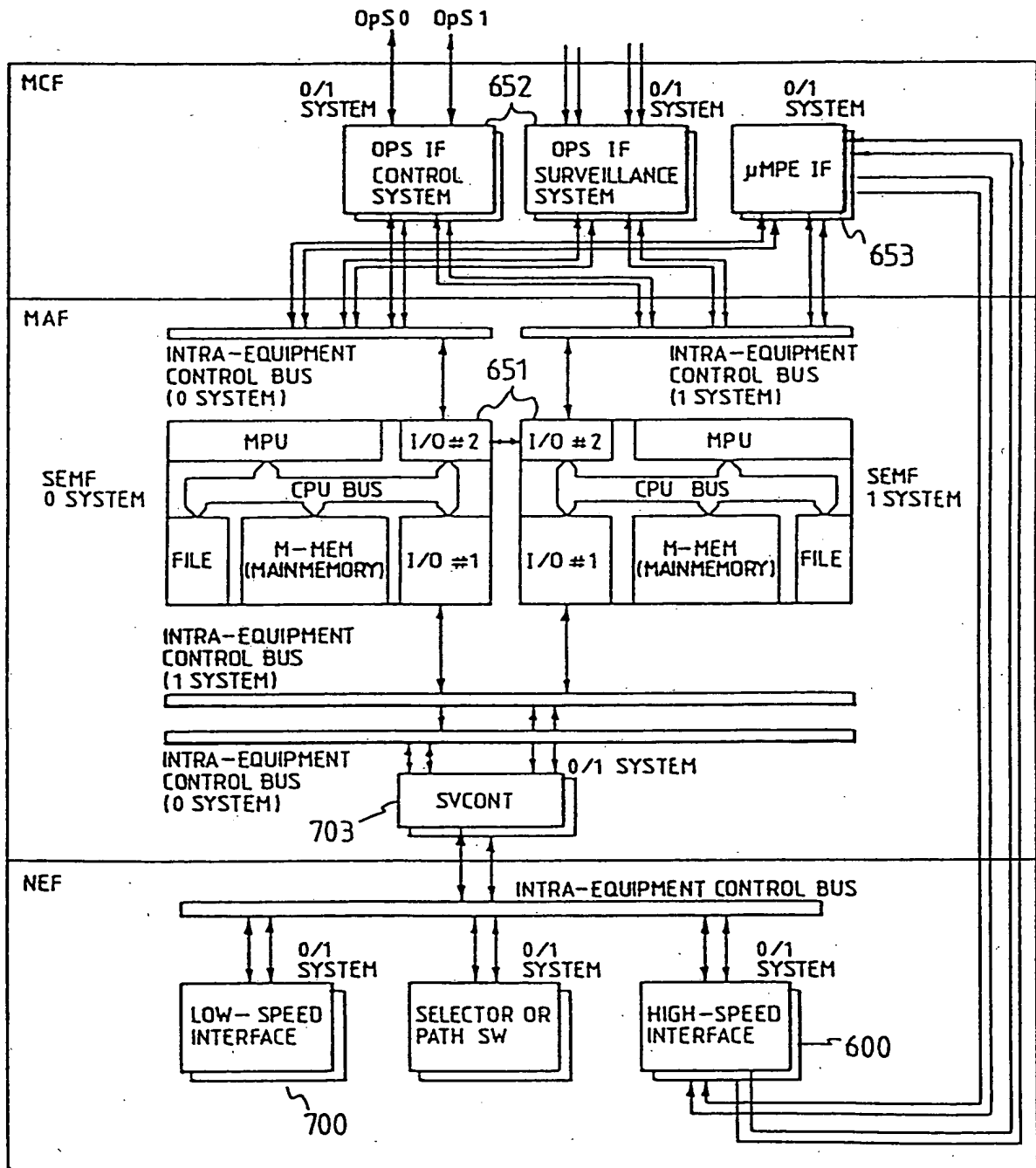


FIG. 32

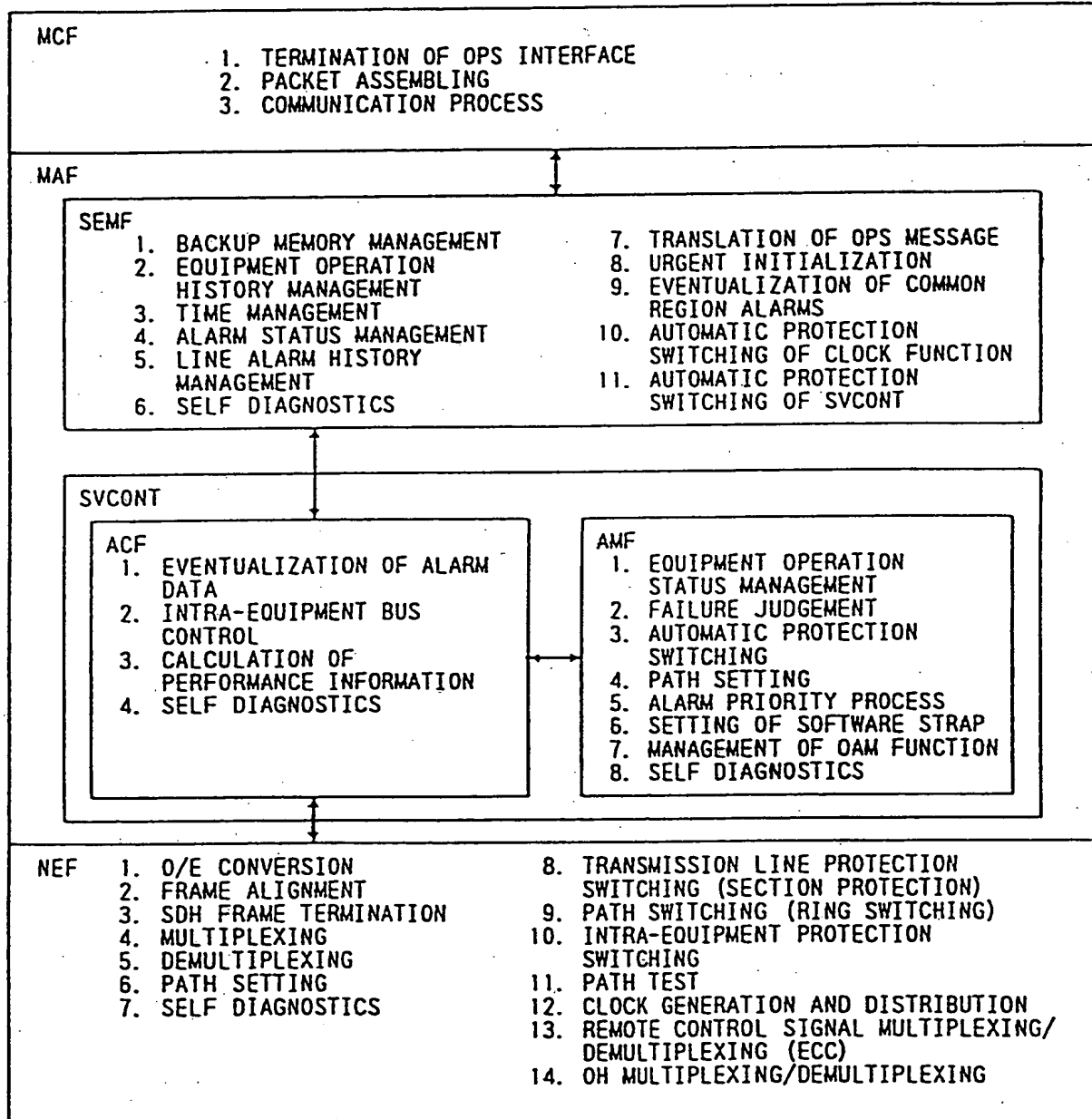


FIG. 33

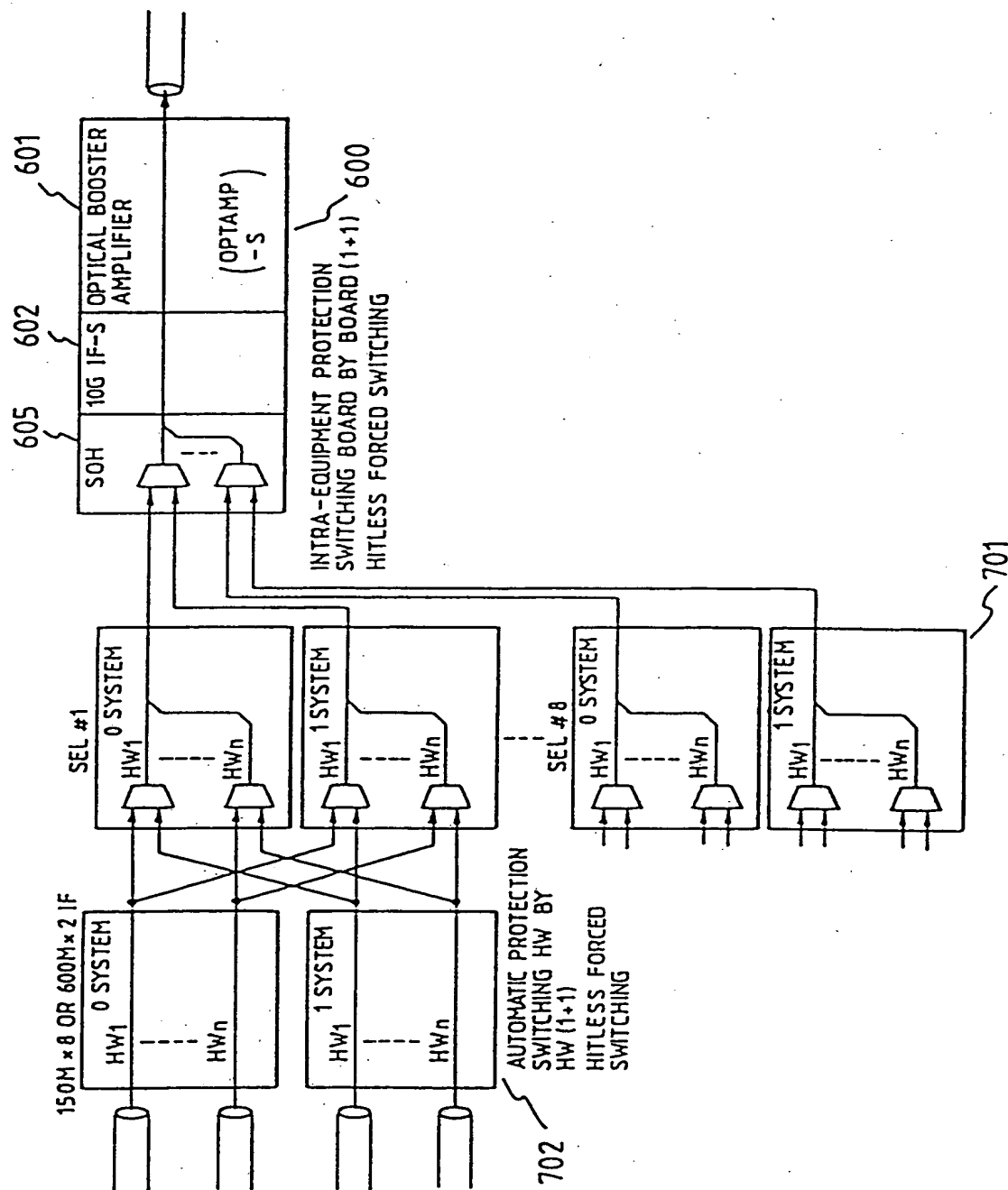


FIG. 34

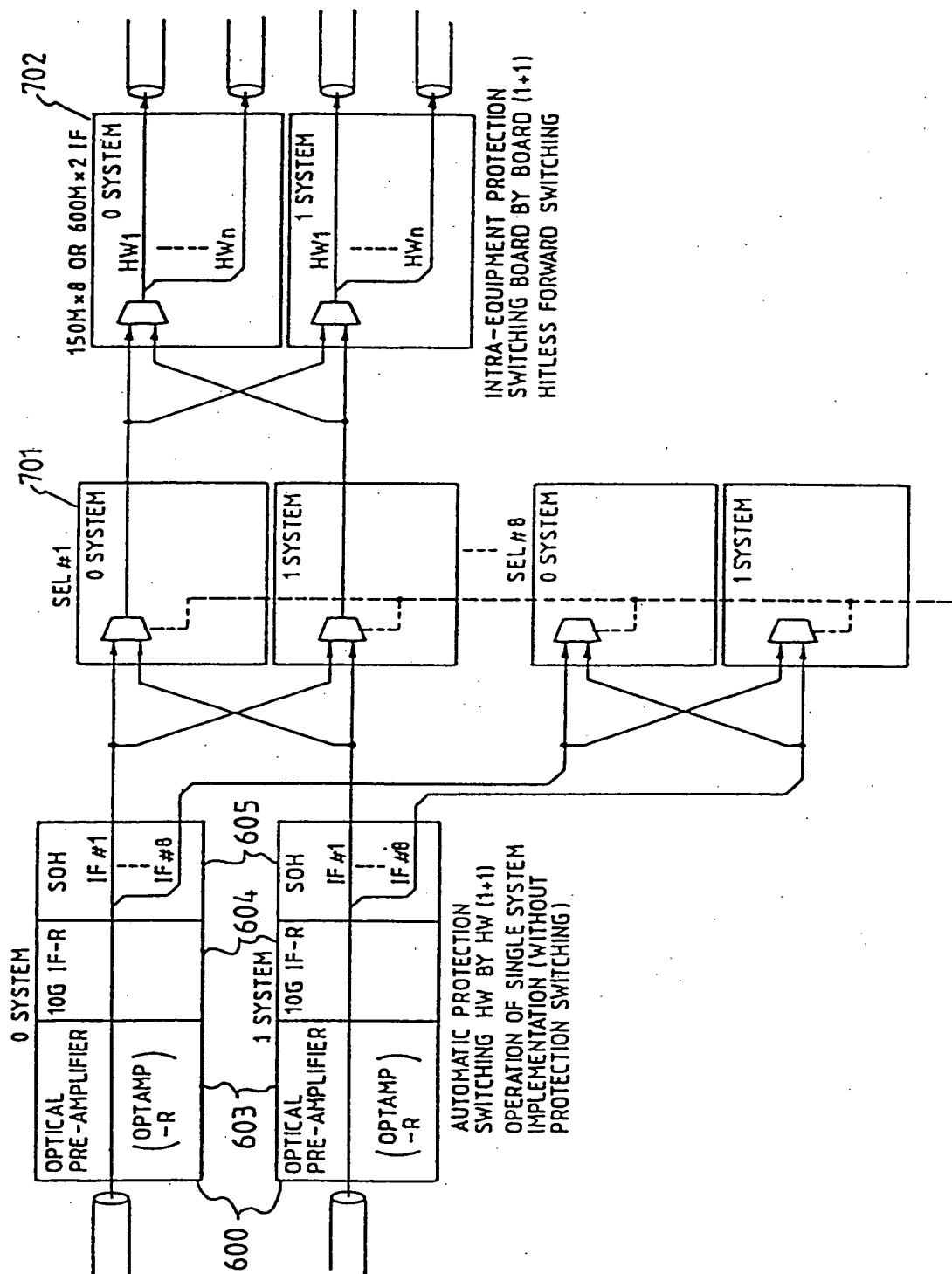


FIG. 35

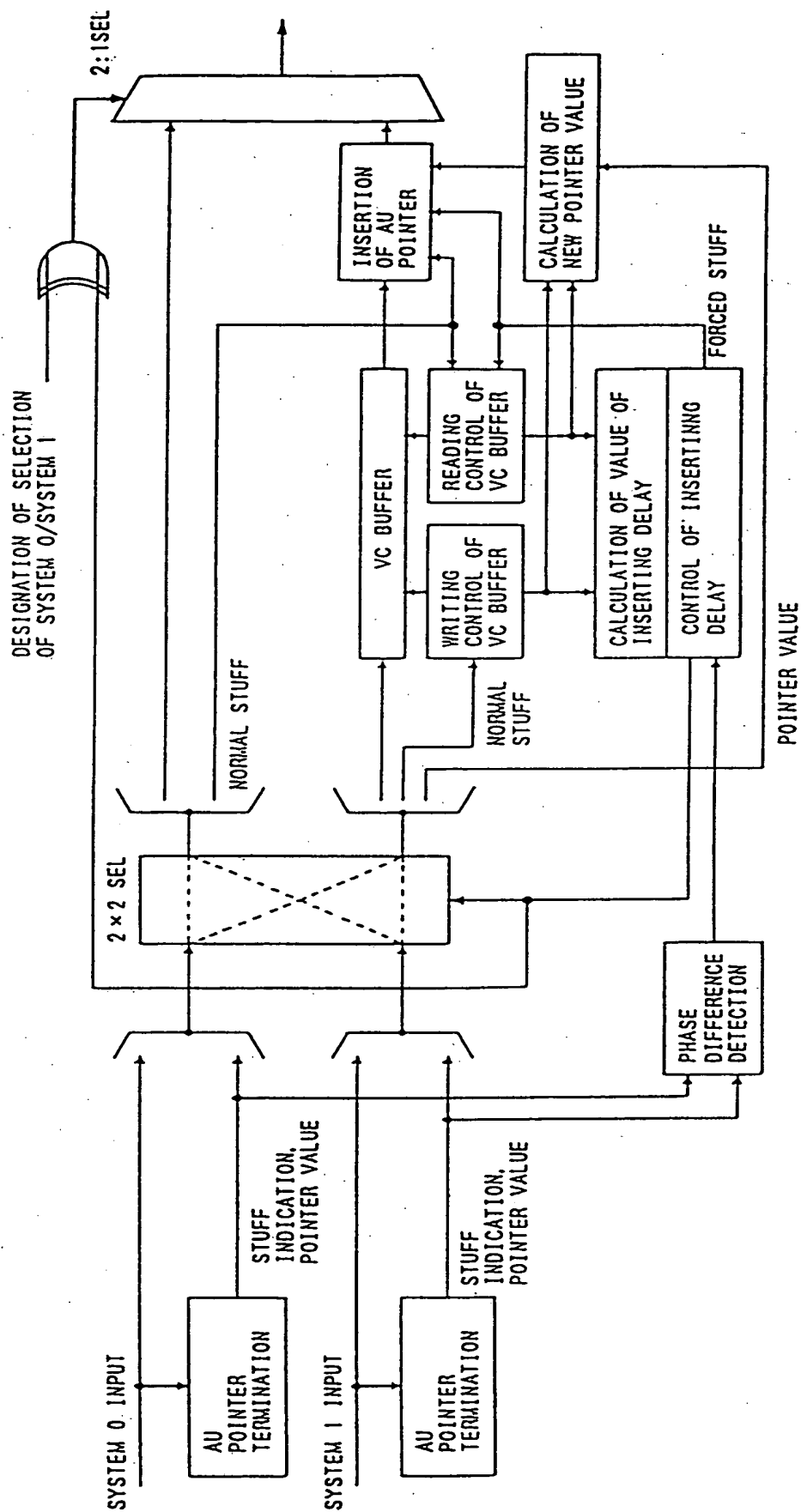
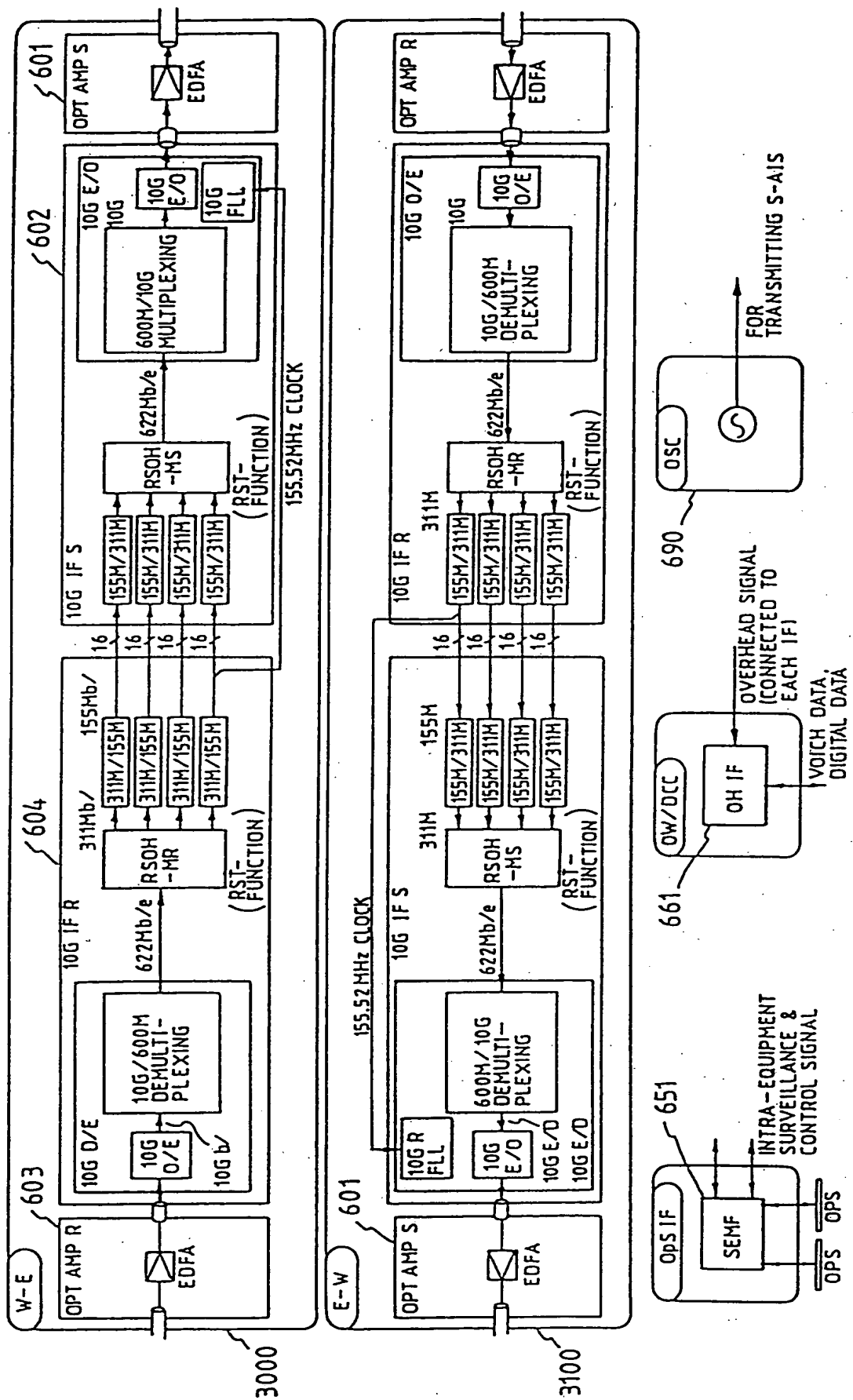


FIG. 36



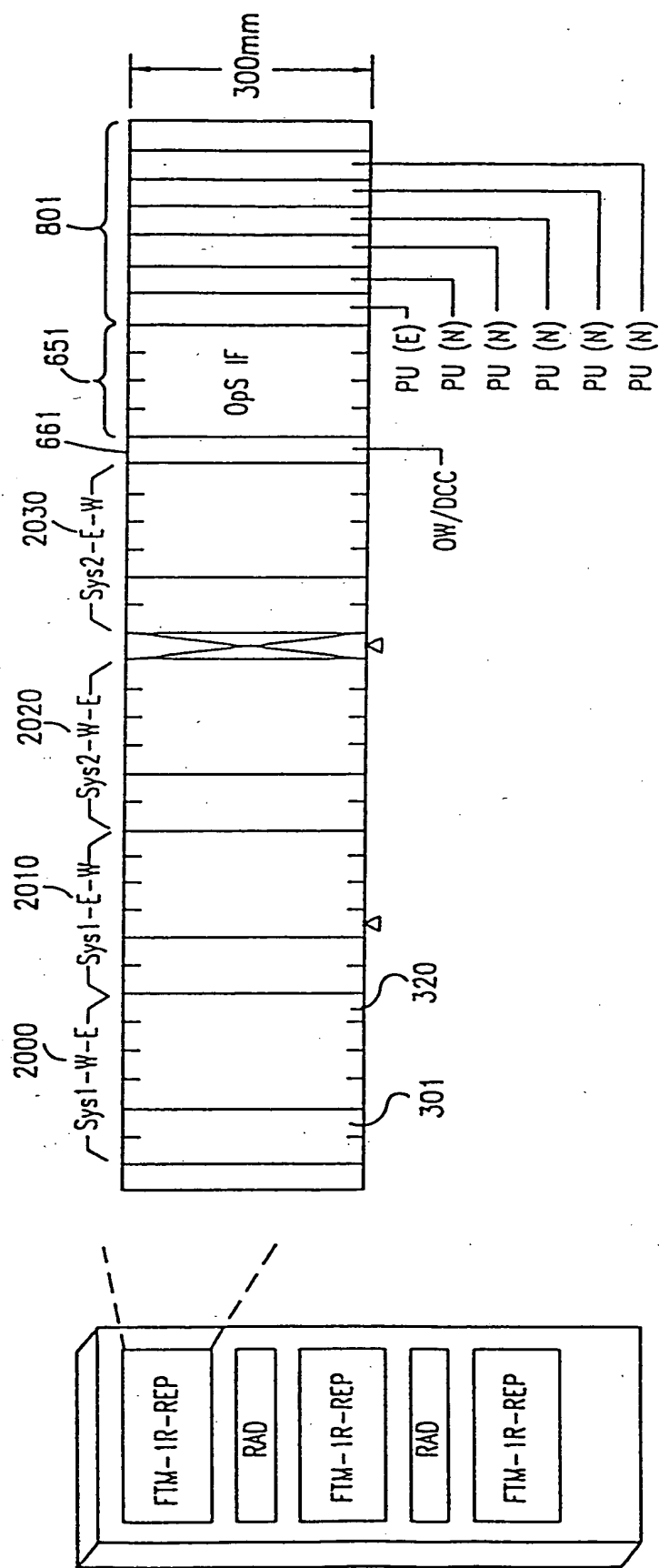
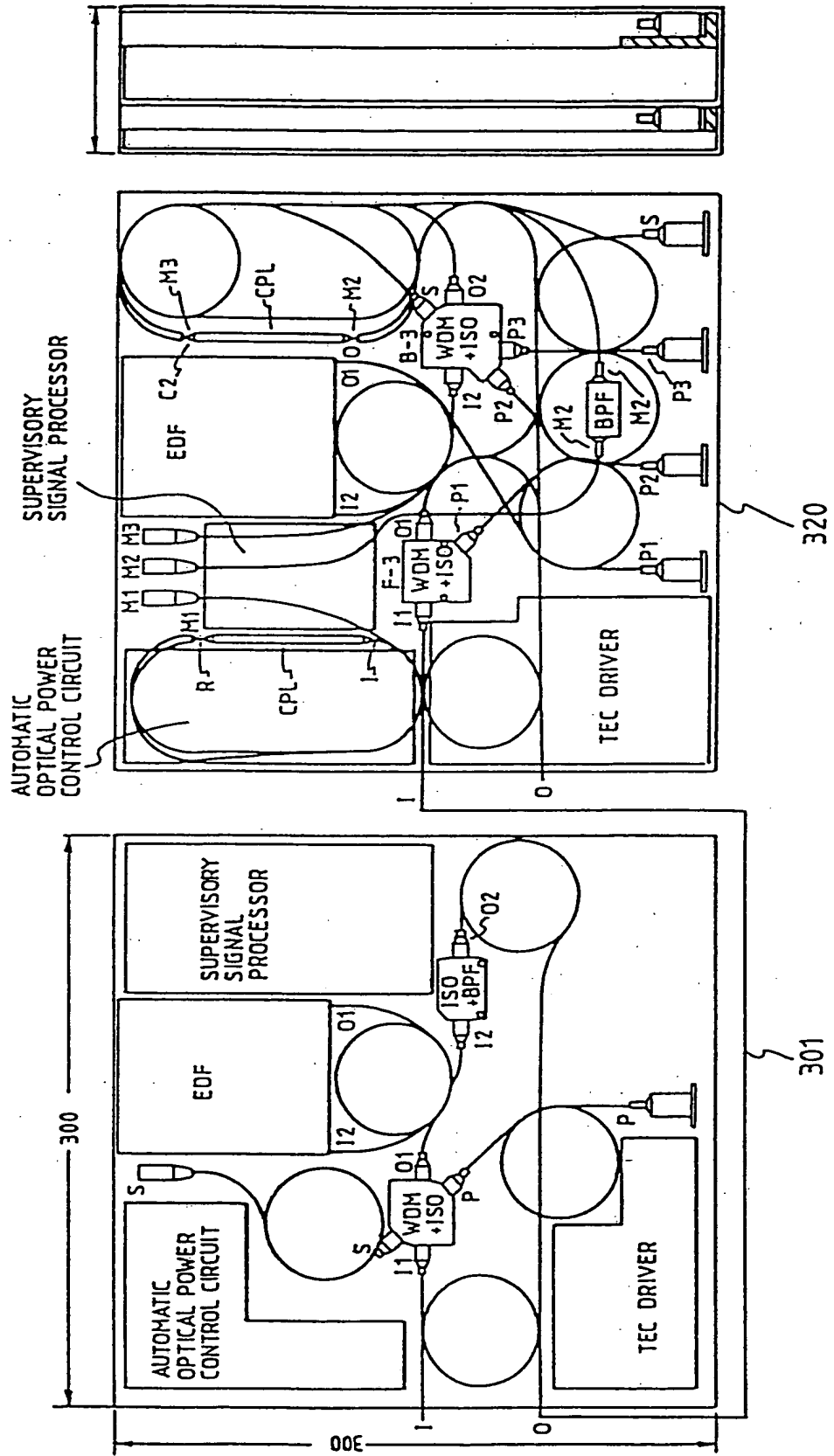


FIG.37

FIG. 38



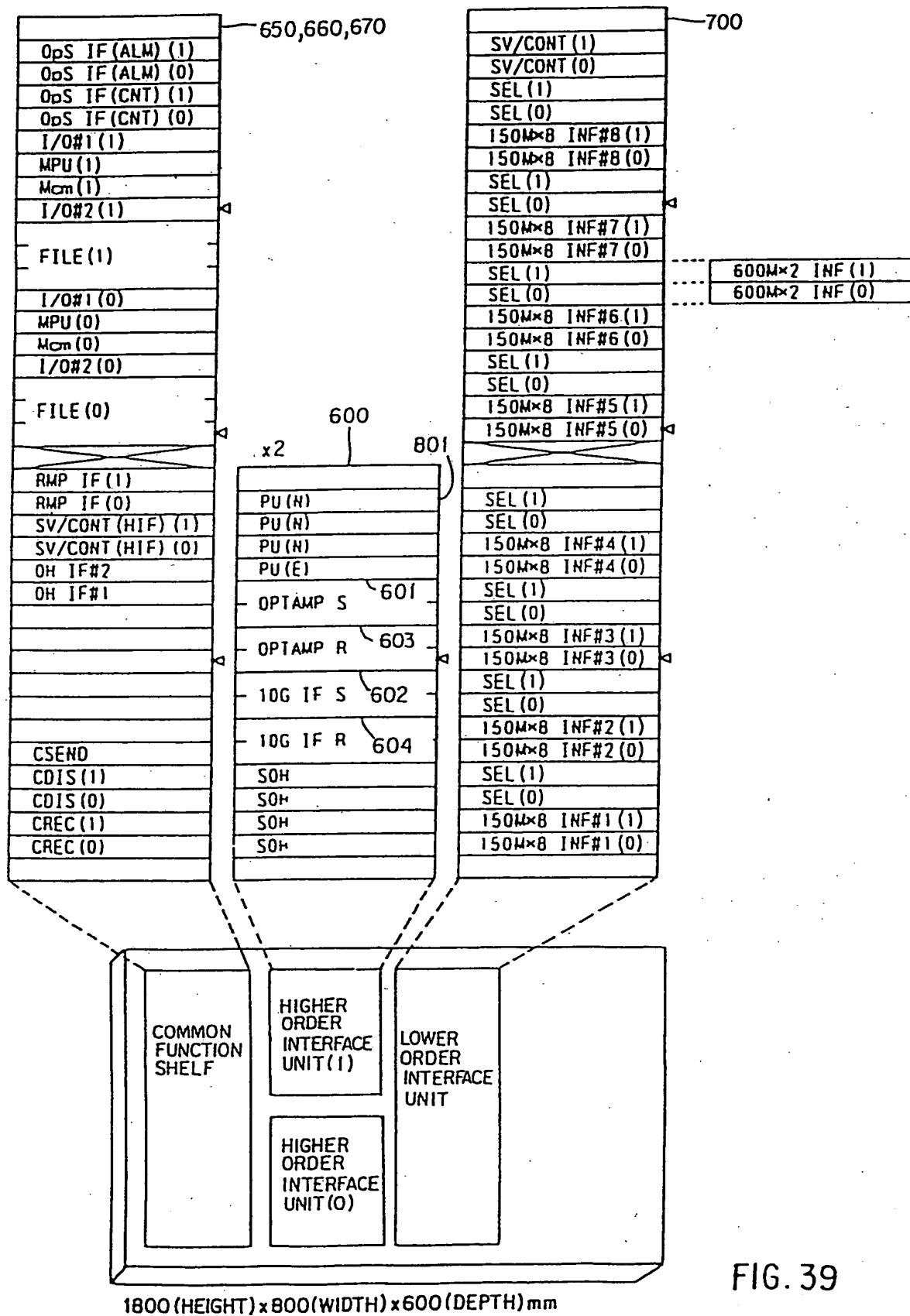
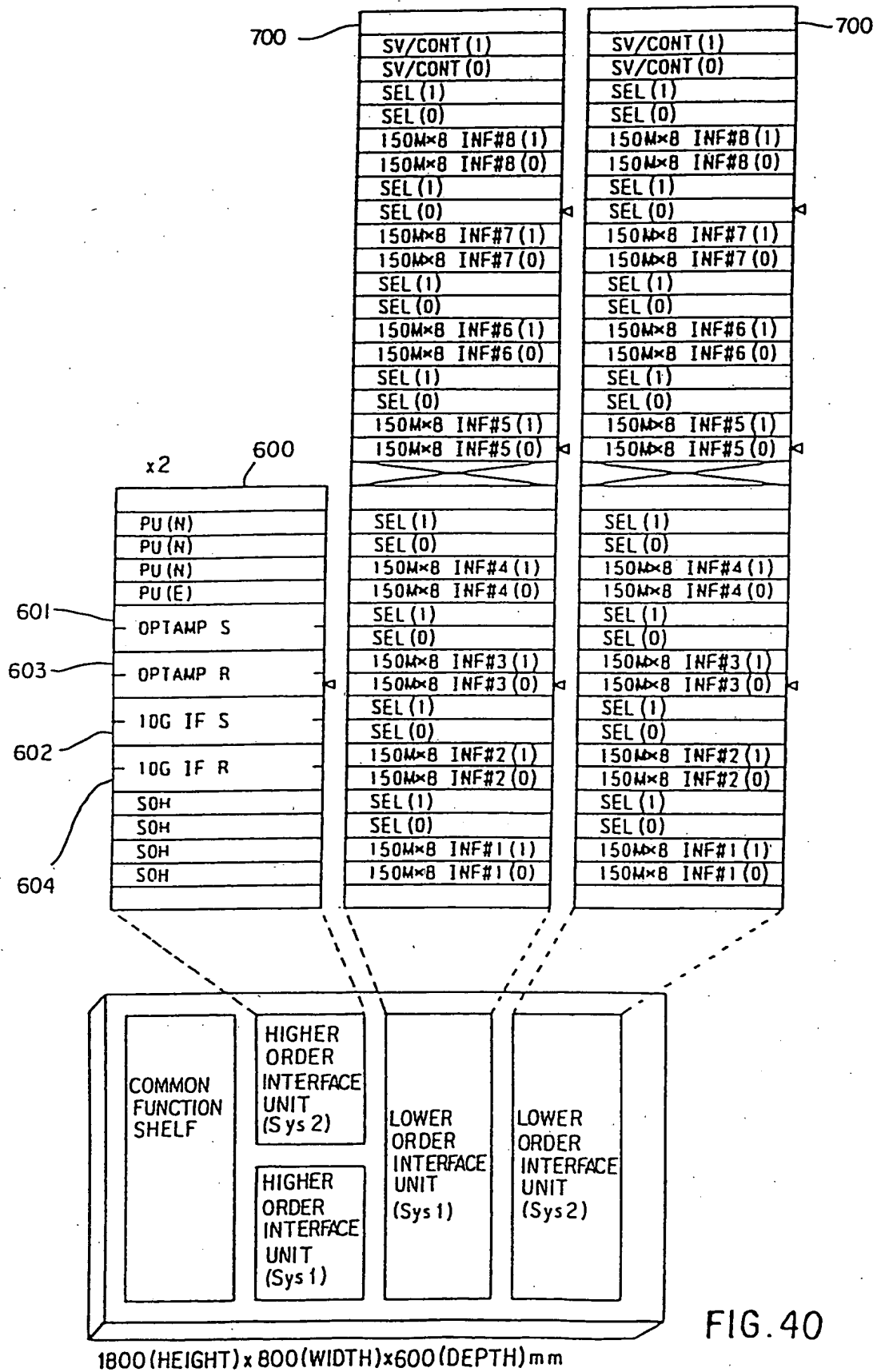


FIG. 39



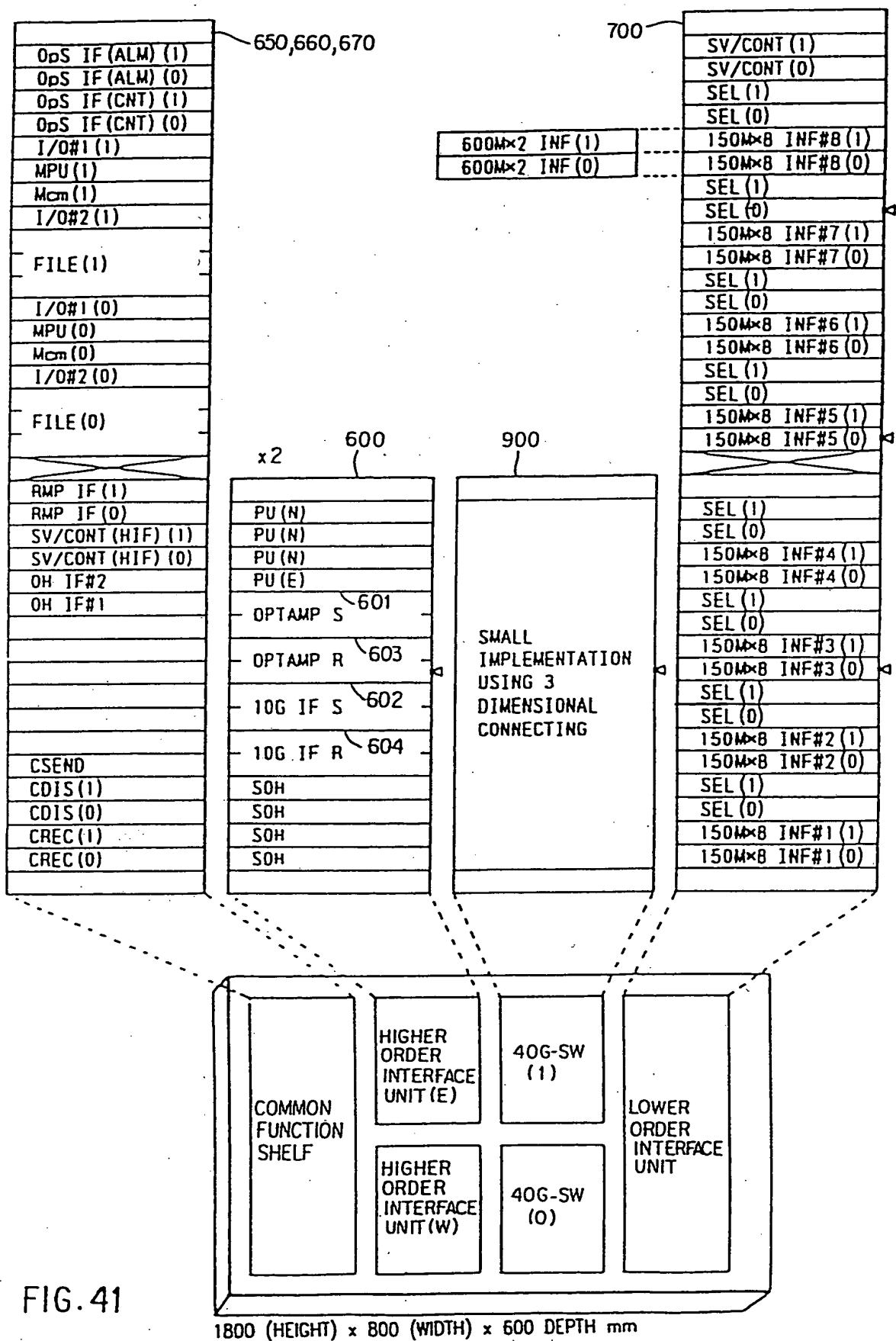
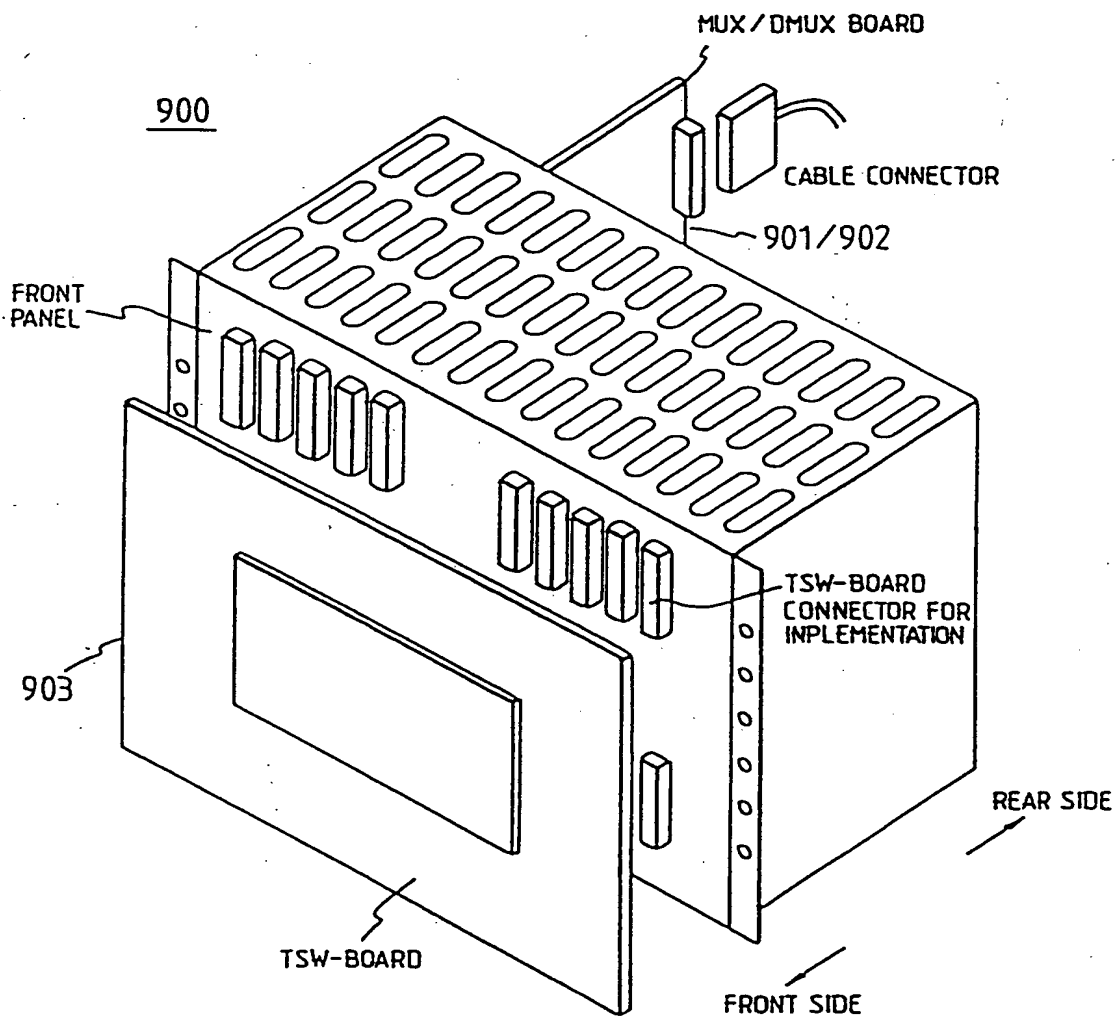


FIG. 42



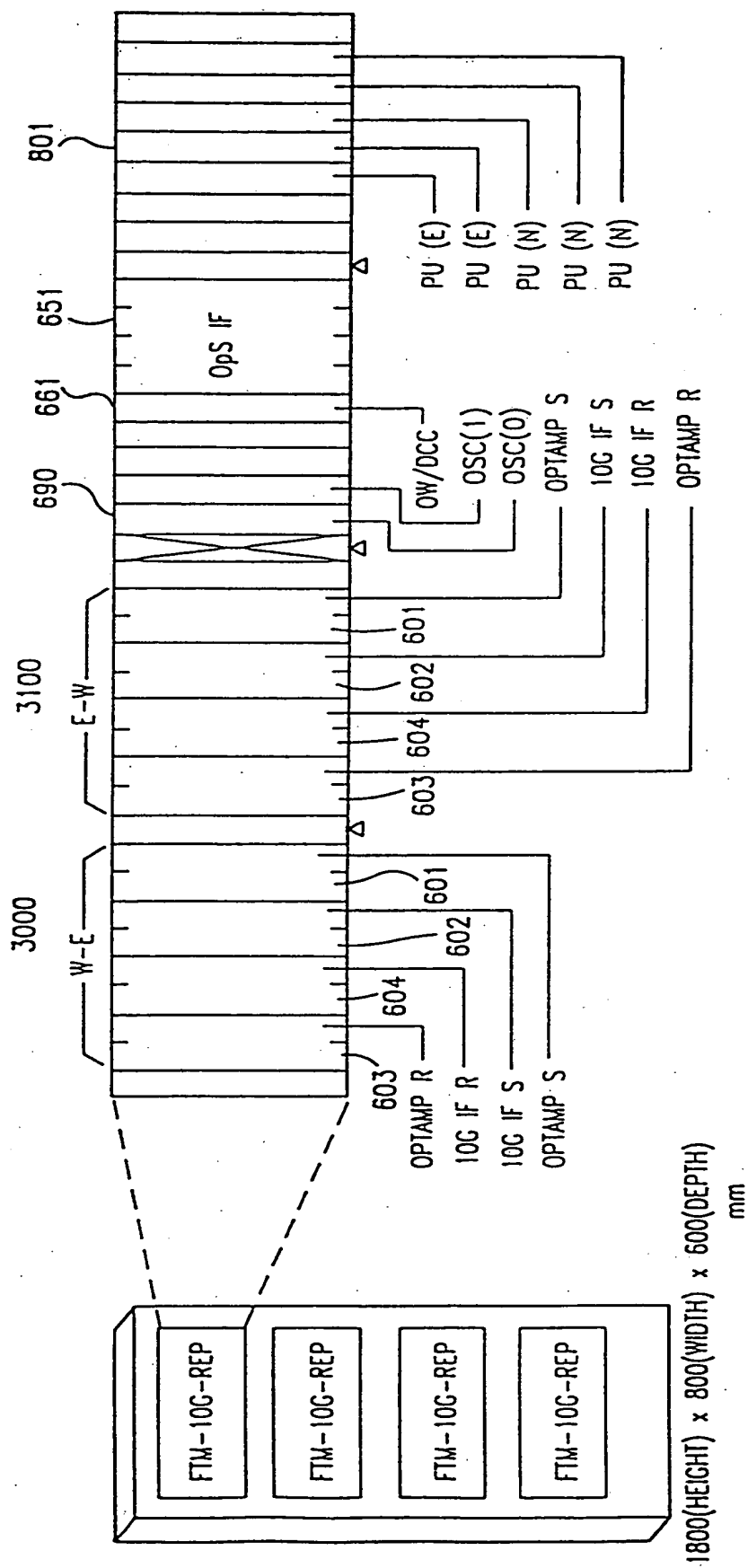


FIG.44

FIG. 43(a)

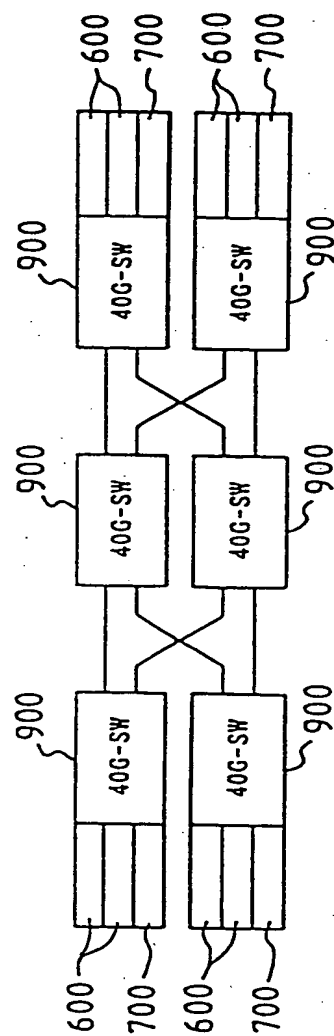
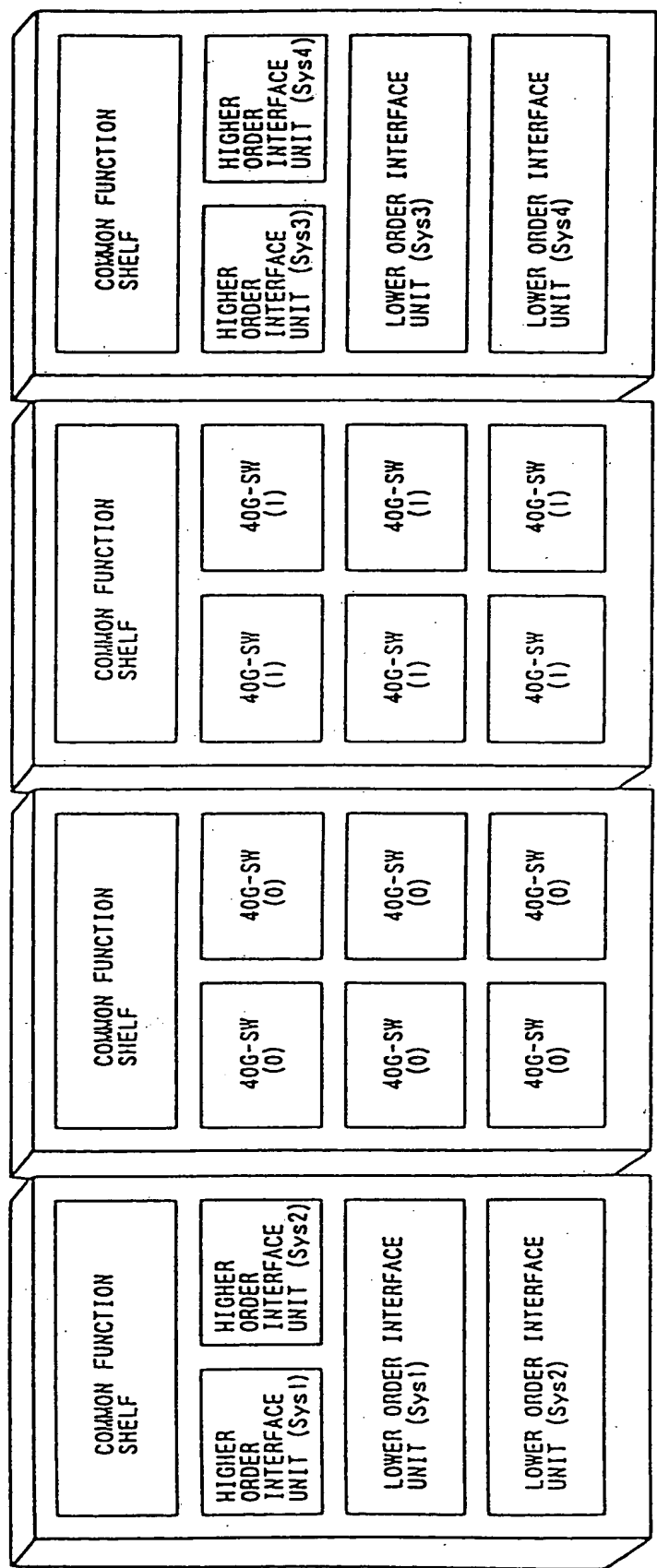


FIG. 43(b)